

# **EXHIBIT B**

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4782264

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
ALCATEL LUCENT	12/22/2017

<b>RECEIVING PARTY DATA</b>	
Name:	WSOU INVESTMENTS, LLC
Street Address:	11150 SANTA MONICA BLVD.
Internal Address:	SUITE 1400
City:	LOS ANGELES
State/Country:	CALIFORNIA
Postal Code:	90025

**PROPERTY NUMBERS Total: 229**

Property Type	Number
Patent Number:	9124586
Patent Number:	9288667
Patent Number:	9231746
Patent Number:	9143621
Patent Number:	9692687
Patent Number:	9306642
Patent Number:	9060290
Patent Number:	9357514
Patent Number:	8797913
Patent Number:	9548833
Patent Number:	9401995
Patent Number:	8638661
Patent Number:	8553691
Patent Number:	8989776
Patent Number:	9344941
Patent Number:	8675762
Patent Number:	9326225
Patent Number:	8856585
Patent Number:	9332506

Property Type	Number
Patent Number:	8509780
Patent Number:	9338081
Patent Number:	8908537
Patent Number:	9137144
Patent Number:	9619292
Patent Number:	8977886
Patent Number:	9075660
Patent Number:	9100146
Patent Number:	9021330
Patent Number:	8842575
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Patent Number:	9635672
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Patent Number:	9148259
Patent Number:	9698898
Patent Number:	9258218
Patent Number:	9361480
Patent Number:	9467842
Patent Number:	9391951
Patent Number:	9306643
Patent Number:	9106381
Patent Number:	9450844
Patent Number:	9509665
Patent Number:	9461790
Patent Number:	8880052
Patent Number:	8094573
Patent Number:	8477864
Patent Number:	8514693
Patent Number:	8052600
Patent Number:	8050259
Patent Number:	8180023
Patent Number:	8554174
Patent Number:	8886168
Patent Number:	9204358
Patent Number:	8964532
Patent Number:	8965978
Patent Number:	9113386
Patent Number:	8068469

Property Type	Number
Patent Number:	8233411
Patent Number:	8571555
Patent Number:	8391460
Patent Number:	8477923
Patent Number:	9107236
Patent Number:	8483241
Patent Number:	8019073
Patent Number:	7747165
Patent Number:	9246626
Patent Number:	7263290
Patent Number:	8165466
Patent Number:	9160649
Patent Number:	8959091
Patent Number:	8165228
Patent Number:	9240909
Patent Number:	8488571
Patent Number:	8054830
Patent Number:	8107494
Patent Number:	7860406
Patent Number:	8355636
Patent Number:	7266095
Patent Number:	7308503
Patent Number:	7447191
Patent Number:	7447767
Patent Number:	7573423
Patent Number:	7486679
Patent Number:	7826448
Patent Number:	7545320
Patent Number:	6801889
Patent Number:	7151743
Patent Number:	7385979
Patent Number:	7711567
Patent Number:	7466765
Patent Number:	7889653
Patent Number:	7133359
Patent Number:	7136650
Patent Number:	7500173
Patent Number:	7756521

Property Type	Number
Patent Number:	8326284
Patent Number:	7903971
Patent Number:	7899328
Patent Number:	7545744
Patent Number:	7779155
Patent Number:	7106699
Patent Number:	7167555
Patent Number:	8484675
Patent Number:	7436643
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Patent Number:	8904043
Patent Number:	8689246
Patent Number:	7127658
Patent Number:	7003229
Patent Number:	7525905
Patent Number:	8107474
Patent Number:	7969966
Patent Number:	7957325
Patent Number:	7292537
Patent Number:	7286482
Patent Number:	7289437
Patent Number:	6671258
Patent Number:	6816739
Patent Number:	7099271
Patent Number:	7085225
Patent Number:	6861943
Patent Number:	7170908
Patent Number:	7233568
Patent Number:	7236492
Patent Number:	9019899
Patent Number:	7212536
Patent Number:	7289514
Patent Number:	7327735
Patent Number:	7116642
Patent Number:	7130877
Patent Number:	7477650
Patent Number:	7602797
Patent Number:	7280543

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Patent Number:	7177924
Patent Number:	7599315
Patent Number:	7284182
Patent Number:	7263553
Patent Number:	7487240
Patent Number:	7355969
Patent Number:	8194653
Patent Number:	8769808
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Patent Number:	7324461
Patent Number:	7372814
Patent Number:	7382781
Patent Number:	8199636
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Patent Number:	7471647
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Patent Number:	8085674
Patent Number:	7822142
Patent Number:	8451839
Patent Number:	7609707
Patent Number:	7487236
Patent Number:	7792025
Patent Number:	7586854
Patent Number:	7559006
Patent Number:	7660236
Patent Number:	8041806
Patent Number:	8325619
Patent Number:	8311017
Patent Number:	7903586
Patent Number:	7865576
Patent Number:	7881230
Patent Number:	7085264
Patent Number:	7454204
Patent Number:	9131415
Patent Number:	8300649

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Patent Number:	7843928
Patent Number:	8130649
Patent Number:	9258232
Patent Number:	7940753
Patent Number:	7852858
Patent Number:	7948377
Patent Number:	8285253
Patent Number:	7903681
Patent Number:	9148834
Patent Number:	8250645
Patent Number:	8341740
Patent Number:	8955034
Patent Number:	8682976
Patent Number:	8954073
Patent Number:	9723504
Patent Number:	8634299
Patent Number:	8681201
Patent Number:	8930488
Patent Number:	9253093
Patent Number:	8274902
Patent Number:	8787409
Patent Number:	8560137
Patent Number:	8493856
Patent Number:	8964665
Patent Number:	9241032
Patent Number:	8244867
Patent Number:	8566468
Patent Number:	8340105
Patent Number:	8369827
Patent Number:	8954565
Patent Number:	8640180
Patent Number:	9306859
Patent Number:	9113346
Patent Number:	8626854
Patent Number:	9191864
Patent Number:	9219577
Patent Number:	8811591
Patent Number:	8867398

Property Type	Number
Application Number:	13814828
Application Number:	14238602
Application Number:	14357314
Application Number:	13343357
Application Number:	13487506
Application Number:	14649768
Application Number:	13523521
Application Number:	14779443
Application Number:	14428096
Application Number:	13955404
Application Number:	14424722
Application Number:	13868348
Application Number:	13927180
Application Number:	14783109
Application Number:	14783107
Application Number:	15109194
Application Number:	15114509
Application Number:	11107957
Application Number:	12323864
Application Number:	13703776

## CORRESPONDENCE DATA

### Fax Number:

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

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Correspondent Name: BURDICK PATENTS

Address Line 1: 2526 W. STATE STREET

Address Line 4: BOISE, IDAHO 83702

NAME OF SUBMITTER:	KRIS PANGAN
SIGNATURE:	/Kris Pangan/
DATE SIGNED:	01/18/2018

### Total Attachments: 45

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**SCHEDULE G1: ASSIGNMENT OF PATENT RIGHTS****BY ALCATEL LUCENT****PATENT ASSIGNMENT**

This **PATENT ASSIGNMENT**, including without limitation Exhibit A of this Schedule G1, ("Assignment") is made by:

- (1) **Alcatel Lucent**, a company validly organized and existing under the laws of France and having its principal address at 1 Route de Villejust, Centre de Villarceaux, 91620, Nozay, France, ( "Assignor"); to
- (2) **WSOU Investments LLC** a company validly organized under the laws of Delaware, having its principal address at 11150 Santa Monica Boulevard, Suite 1400 Los Angeles, CA 90025, (the "Assignee"),

All references to the plural herein also mean the singular, and vice versa, unless the context otherwise requires.

**WHEREAS**, Assignor is the owner of certain patents and patent applications, as specified in Exhibit A hereto.

**DEFINITIONS**

"**Assigned Patents**" means (a) patent applications listed in Exhibit A of this Schedule G1; (b) all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals and extensions of such patents and patent applications (whether pending, issued, abandoned or filed prior to, on or after the Effective Date); (c) all patents and patent applications (i) to which any or all of the foregoing directly or indirectly claims priority to, or the benefit of, the filing date, or (ii) for which any or all of the foregoing directly or indirectly forms a basis for priority or otherwise provides the benefit of an earlier filing date; and (d) all foreign counterparts to any or all of the foregoing, and all utility models, certificates of invention, patent registrations and equivalent rights worldwide.

"**Assignment Date**" means December 22, 2017.

**PATENT ASSIGNMENT**

Assignor hereby assigns, transfers, and conveys unto Assignee, all of Assignor's right, title, and interest in and to each of the Assigned Patents.

The assignment, transfer, and conveyance to Assignee set forth above will become effective on the Assignment Date and is made subject to certain encumbrances and retained rights for the Assigned Patents in favor of Assignor and/or its assignees and licensees.

IN WITNESS WHEREOF, the Assignor has caused this Assignment to be signed by its duly authorized officers.

ASSIGNOR:

ALCATEL LUCENT

By: Kathryn E. Olson

Name: KATHRYN E. OLSON

Title: AUTHORIZED SIGNATORY

Date: December 22, 2017

ASSIGNOR:

ALCATEL LUCENT

By: Bethany B.

Name: Karine BERTHIER

Title: EE3 Star Patenting Manager

Date: December 22, 2017

ACKNOWLEDGED BY ASSIGNEE

ASSIGNEE:

WSOU INVESTMENTS LLC

By: [Signature]

Name: STUART SHANES

Title: President

Date: Dec. 8, 2018

## Exhibit A

Family	Case Reference	Patent Number	Application Number	Country	Grant Date	Application Date	Title
103221	103221-US-NP	US7266095	09/988290	US	4-Sep-2007	19-Nov-2001	Concept d'adressage par label de paquet IP dans un réseau d'accès ou d'infrastructure satellite.
103789	103789-FR-EPA	EPI276283	02291671.2	FR	26-Mar-2008	4-Jul-2002	HIGH AVAILABILITY FOR BGP
103789	103789-DE-EPA	EPI276283	02291671.2	DE	26-Mar-2008	4-Jul-2002	HIGH AVAILABILITY FOR BGP
103789	103789-GB-EPA	EPI276283	02291671.2	GB	26-Mar-2008	4-Jul-2002	HIGH AVAILABILITY FOR BGP
103815	103815-US-NP	US7308503	10/265674	US	11-Dec-2007	8-Oct-2002	Redirection of Control Packets
104247	104247-CN-NP	ZL03136810.7	03136810.7	CN	5-Mar-2008	18-Apr-2003	PIPELINED AND PARALLELLED HIGH THROUGHPUT ROUTING ENGINE
104247	104247-FR-EPA	EPI1355454	03290968.1	FR	6-Feb-2008	18-Apr-2003	PIPELINED AND PARALLELLED HIGH THROUGHPUT ROUTING ENGINE
104247	104247-DE-EPA	EPI1355454	03290968.1	DE	6-Feb-2008	18-Apr-2003	PIPELINED AND PARALLELLED HIGH THROUGHPUT ROUTING ENGINE
104247	104247-GR-EPA	EPI1355454	03290968.1	GB	6-Feb-2008	18-Apr-2003	PIPELINED AND PARALLELLED HIGH THROUGHPUT ROUTING ENGINE
104472	104472-US-NP	US7447191	10/222808	US	4-Nov-2008	19-Aug-2002	EMERGENCY AND BACKUP SERVICES OVER LAN INFRASTRUCTURE
104472	104472-JP-NP	JP4071573	2002237985	JP	25-Jan-2008	19-Aug-2002	EMERGENCY AND BACKUP SERVICES OVER LAN INFRASTRUCTURE
104472	104472-FR-EPA	EPI1286492	02360238.6	FR	2-Apr-2008	12-Aug-2002	EMERGENCY AND BACKUP SERVICES OVER LAN INFRASTRUCTURE
104472	104472-DE-EPA	EPI1286492	02360238.6	DE	2-Apr-2008	12-Aug-2002	EMERGENCY AND BACKUP SERVICES OVER LAN INFRASTRUCTURE
104472	104472-GB-EPA	EPI1286492	02360238.6	GB	2-Apr-2008	12-Aug-2002	EMERGENCY AND BACKUP SERVICES OVER LAN INFRASTRUCTURE
104472	104472-CN-NP	ZL02147210.6	02147210.6	CN	8-Apr-2009	19-Aug-2002	EMERGENCY AND BACKUP SERVICES OVER LAN INFRASTRUCTURE
104744	104744-US-NP	US7447767	10/647331	US	4-Nov-2008	26-Aug-2003	AUTOMATIC DESCRIPTOR FOR A FRAMEWORK MANAGEMENT
104744	104744-FR-EPA	EPI394983	03292042.3	FR	10-Oct-2007	19-Aug-2003	AUTOMATIC DESCRIPTOR FOR A FRAMEWORK MANAGEMENT
104744	104744-DE-EPA	EPI394983	03292042.3	DE	10-Oct-2007	19-Aug-2003	AUTOMATIC DESCRIPTOR FOR A FRAMEWORK MANAGEMENT
104744	104744-GB-EPA	EPI394983	03292042.3	GB	10-Oct-2007	19-Aug-2003	AUTOMATIC DESCRIPTOR FOR A FRAMEWORK MANAGEMENT
104930	104930-JP-NP	JP418694	200452957	JP	4-Dec-2009	27-Feb-2004	IPv6 ADDRESS SELECTION FOR NAME RESOLUTION ON A DNS SERVER
104930	104930-CN-NP	ZL200410006093.5	200410006093.5	CN	2-Sep-2009	27-Feb-2004	IPv6 ADDRESS SELECTION FOR NAME RESOLUTION ON A DNS SERVER
104930	104930-FR-EPA	EPI1453279	04290472.2	FR	6-Jun-2007	20-Feb-2004	IPv6 ADDRESS SELECTION FOR NAME RESOLUTION ON A DNS SERVER
104930	104930-DE-EPA	EPI1453279	04290472.2	DE	6-Jun-2007	20-Feb-2004	IPv6 ADDRESS SELECTION FOR NAME RESOLUTION ON A DNS SERVER
104930	104930-IT-EPA	EPI1453279	04290472.2	IT	6-Jun-2007	20-Feb-2004	IPv6 ADDRESS SELECTION FOR NAME RESOLUTION ON A DNS SERVER
104930	104930-GB-EPA	EPI1453279	04290472.2	GB	6-Jun-2007	20-Feb-2004	IPv6 ADDRESS SELECTION FOR NAME RESOLUTION ON A DNS SERVER
105236	105236-US-PCT	US7573423	10/580965	US	11-Aug-2009	22-Nov-2004	ACQUISITION WITH FULL CONSTELLATION DIRECT CORRELATION

## Exhibit A

Family	Case Reference	Patent Number	Application Number	Country	Grant Date	Application Date	Title
105236	105236-CN-PCT	ZL200480035394.9	20048035394.9	CN	15-Sep-2010	22-Nov-2004	ACQUISITION WITH FULL CONSTELLATION DIRECT CORRELATION
105236	105236-FR-EPT	EPI692535	04805522.2	FR	14-Nov-2007	22-Nov-2004	ACQUISITION WITH FULL CONSTELLATION DIRECT CORRELATION
105236	105236-DE-EPT	EPI692535	04805522.2	DE	14-Nov-2007	22-Nov-2004	ACQUISITION WITH FULL CONSTELLATION DIRECT CORRELATION
105236	105236-GB-EPT	EPI692535	04805522.2	GB	14-Nov-2007	22-Nov-2004	ACQUISITION WITH FULL CONSTELLATION DIRECT CORRELATION
105751	105751-US-NP	US7486679	11/247146	US	3-Feb-2009	12-Oct-2005	TIME SENSITIVE CONSTRAINTS INFORMATION LEARNING
105751	105751-CN-NP	ZL200510114531.4	200510114531.4	CN	29-Oct-2008	24-Oct-2005	TIME SENSITIVE CONSTRAINTS INFORMATION LEARNING
105751	105751-FR-EPA	EPI650910	05108991.0	FR	24-Dec-2008	29-Sep-2005	TIME SENSITIVE CONSTRAINTS INFORMATION LEARNING
105751	105751-DE-EPA	EPI650910	05108991.0	DE	24-Dec-2008	29-Sep-2005	TIME SENSITIVE CONSTRAINTS INFORMATION LEARNING
105751	105751-GR-EPA	EPI650910	05108991.0	GB	24-Dec-2008	29-Sep-2005	TIME SENSITIVE CONSTRAINTS INFORMATION LEARNING
105913	105913-FR-NP	FR2894752	0553331	FR	11-Jan-2008	12-Dec-2005	SERVICE-COOPERATIVE AND ADAPTIVE GMPLS NETWORKS
105913	105913-US-NP	US7826448	11609325	US	2-Nov-2010	11-Dec-2006	SERVICE-COOPERATIVE AND ADAPTIVE GMPLS NETWORKS
105913	105913-CN-NP	ZL200610164587.5	200610164587.5	CN	13-Jun-2012	8-Dec-2006	SERVICE-COOPERATIVE AND ADAPTIVE GMPLS NETWORKS
105913	105913-FR-EPA	EPI706333	06125794.5	FR	20-May-2015	11-Dec-2006	SERVICE-COOPERATIVE AND ADAPTIVE GMPLS NETWORKS
105913	105913-DE-EPA	EPI796333	06125794.5	DE	20-May-2015	11-Dec-2006	SERVICE-COOPERATIVE AND ADAPTIVE GMPLS NETWORKS
105913	105913-GB-EPA	EPI796333	06125794.5	GB	20-May-2015	11-Dec-2006	SERVICE-COOPERATIVE AND ADAPTIVE GMPLS NETWORKS
105932	105932-FR-NP	FR2886736	0551526	FR	10-Aug-2007	7-Jun-2005	COLLABORATION D'UN RESEAU DE TERMINAUX GNSS POUR AMELIORER L'ACQUISITION DES SIGNAUX
105932	105932-US-NP	US7545320	11/447248	US	9-Jun-2009	6-Jun-2006	COLLABORATION D'UN RESEAU DE TERMINAUX GNSS POUR AMELIORER L'ACQUISITION DES SIGNAUX
105932	105932-CN-NP	ZL200610087909.0	200610087909.0	CN	17-Nov-2010	7-Jun-2006	COLLABORATION D'UN RESEAU DE TERMINAUX GNSS POUR AMELIORER L'ACQUISITION DES SIGNAUX
105932	105932-FR-EPA	EPI731918	06114967.0	FR	9-Nov-2016	5-Jun-2006	COLLABORATION D'UN RESEAU DE TERMINAUX GNSS POUR AMELIORER L'ACQUISITION DES SIGNAUX
105932	105932-DE-EPA	EPI731918	06114967.0	DE	9-Nov-2016	5-Jun-2006	COLLABORATION D'UN RESEAU DE TERMINAUX GNSS POUR AMELIORER L'ACQUISITION DES SIGNAUX
105932	105932-GB-EPA	EPI731918	06114967.0	GB	9-Nov-2016	5-Jun-2006	COLLABORATION D'UN RESEAU DE TERMINAUX GNSS POUR AMELIORER L'ACQUISITION DES SIGNAUX
106066	106066-IN-PCT	10150/DE1NP/2007	IN		22-Sep-2006	MULTICARRIER BROADCASTING TRANSMISSION	
106066	106066-KR-PCT	KR101292447	20077031016	KR	26-Jul-2013	22-Sep-2006	MULTICARRIER BROADCASTING TRANSMISSION
106066	106066-FR-EPT	EPI929666	06831222.2	FR	4-Mar-2009	22-Sep-2006	MULTICARRIER BROADCASTING TRANSMISSION
106066	106066-DE-EPT	EPI929666	06831222.2	DE	4-Mar-2009	22-Sep-2006	MULTICARRIER BROADCASTING TRANSMISSION
106066	106066-GB-EPT	EPI929666	06831222.2	GB	4-Mar-2009	22-Sep-2006	MULTICARRIER BROADCASTING TRANSMISSION

## Exhibit A

Family	Case Reference	Patent Number	Application Number	Country	Grant Date	Application Date	Title
106101	106101-FR-NP	FR2910759	0655585	FR	22-Apr-2011	22-Dec-2006	USER PROFILE SHARING MANAGER
106189	106189-FR-EPA	EPI841169	06300286.9	FR	11-Mar-2009	27-Mar-2006	REMOTE CONTROL OF WIRELESS ACCESS POINT
106189	106189-DE-EPA	EPI841169	06300286.9	DE	11-Mar-2009	27-Mar-2006	REMOTE CONTROL OF WIRELESS ACCESS POINT
106189	106189-GB-EPA	EPI841169	06300286.9	GB	11-Mar-2009	27-Mar-2006	REMOTE CONTROL OF WIRELESS ACCESS POINT
111347	111347-CN-NP	ZL01116301.1	01116301.1	CN	26-Oct-2005	6-Apr-2001	Noise Suppression in Time Space
111347	111347-US-NP	US6801889	097825335	US	5-Oct-2004	4-Apr-2001	Noise Suppression in Time Space
111347	111347-GB-EPA	EPI143416	01440083.2	GB	16-Nov-2005	22-Mar-2001	Noise Suppression in Time Space
111347	111347-DE-EPA	EPI143416	01440083.2	DE	16-Nov-2005	22-Mar-2001	Noise Suppression in Time Space
111347	111347-FR-EPA	EPI143416	01440083.2	FR	16-Nov-2005	22-Mar-2001	Noise Suppression in Time Space
111798	111798-US-NP	US7151743	097944174	US	19-Dec-2006	4-Sep-2001	VoIP Access
111798	111798-GB-EPA	EPI185032	01440266.3	GB	14-Dec-2005	17-Aug-2001	VoIP Access
111798	111798-IT-EPA	EPI185032	01440266.3	IT	14-Dec-2005	17-Aug-2001	VoIP Access
111798	111798-DE-EPA	EPI185032	01440266.3	DE	14-Dec-2005	17-Aug-2001	VoIP Access
111798	111798-FR-EPA	EPI185032	01440266.3	FR	14-Dec-2005	17-Aug-2001	VoIP Access
111879	111879-US-NP	US7385979	107084217	US	10-Jun-2008	28-Feb-2002	Fast Layer 2 Forwarding with PPP
111879	111879-GB-EPA	EPI246407	01440082.4	GB	29-Sep-2004	22-Mar-2001	Fast Layer 2 Forwarding with PPP
111879	111879-DE-EPA	EPI246407	01440082.4	DE	29-Sep-2004	22-Mar-2001	Fast Layer 2 Forwarding with PPP
111879	111879-FR-EPA	EPI246407	01440082.4	FR	29-Sep-2004	22-Mar-2001	Fast Layer 2 Forwarding with PPP
111896	111896-US-PCT	US7711567	107069583	US	4-May-2010	7-May-2001	Voice Application Generator for Distributed Speech Recognition
111896	111896-FR-EPA	EPI168737	00440198.0	FR	6-Jan-2010	30-Jun-2000	Voice Application Generator for Distributed Speech Recognition
111896	111896-DE-EPA	EPI168737	00440198.0	DE	6-Jan-2010	30-Jun-2000	Voice Application Generator for Distributed Speech Recognition
111896	111896-GB-EPA	EPI168737	00440198.0	GB	6-Jan-2010	30-Jun-2000	Voice Application Generator for Distributed Speech Recognition
113121	113121-US-NP	US7466765	10207862	US	16-Dec-2008	31-Jul-2002	Four level soft-decision circuit
113121	113121-FR-EPA	EPI292078	01440292.9	FR	31-Oct-2007	10-Sep-2001	Four level soft-decision circuit
113121	113121-DE-EPA	EPI292078	01440292.9	DE	31-Oct-2007	10-Sep-2001	Four level soft-decision circuit
113121	113121-GB-EPA	EPI292078	01440292.9	GB	31-Oct-2007	10-Sep-2001	Four level soft-decision circuit
113121	113121-CN-NP	ZL02142293.1	02142293.1	CN	9-Nov-2005	28-Aug-2002	Four level soft-decision circuit
113173	113173-US-NP	US7889653	107397168	US	15-Feb-2011	27-Mar-2003	VoIP QoS dejittering adaptation mechanism
113261	113261-US-NP	US7133359	107166502	US	7-Nov-2006	27-Mar-2002	Fast Restoration Mechanism and Determining of Minimum Restoration Capacity
113456	113456-US-NP	US7136650	107785226	US	14-Nov-2006	25-Feb-2004	Network-element addressing and message routing in an evolved RAN architecture
113456	113456-CN-NP	ZL200410004684.9	200410004684.9	CN	8-Jul-2009	9-Mar-2004	Network-element addressing and message routing in an evolved RAN architecture

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113456	113456-GB-EPA	EPI458208	03290580.4	GB	4-May-2005	10-Mar-2003	Network element addressing and message routing in an evolved RAN architecture
113456	113456-IT-EPA	EPI458208	03290580.4	IT	4-May-2005	10-Mar-2003	Network element addressing and message routing in an evolved RAN architecture
113456	113456-DE-EPA	EPI458208	03290580.4	DE	4-May-2005	10-Mar-2003	Network element addressing and message routing in an evolved RAN architecture
113456	113456-FR-EPA	EPI458208	03290580.4	FR	4-May-2005	10-Mar-2003	Network element addressing and message routing in an evolved RAN architecture
113456	113456-JP-NP	JP384755	200445579	JP	1-Sep-2006	23-Feb-2004	Network element addressing and message routing in an evolved RAN architecture
114023	114023-US-NP	US7500173	10/920435	US	3-Mar-2009	18-Aug-2004	Decoding of convolutional codes with reduced complexity
114023	114023-CN-NP	ZL200410074130.6	200410074130.6	CN	18-Jun-2008	31-Aug-2004	Decoding of convolutional codes with reduced complexity
114202	114202-US-NP	US7756521	10/945943	US	13-Jul-2010	22-Sep-2004	OFDM/L1 link Adaptation for optimum cell resource allocation
114202	114202-JP-NP	JP4754200	2004294527	JP	3-Jun-2011	7-Oct-2004	OFDM/L1 link Adaptation for optimum cell resource allocation
114202	114202-CN-NP	ZL200410083762.9	200410083762.9	CN	16-Apr-2008	19-Oct-2004	OFDM/L1 link Adaptation for optimum cell resource allocation
114202	114202-FR-EPA	EPI526674	03292629.7	FR	1-Aug-2007	21-Oct-2003	OFDM/L1 link Adaptation for optimum cell resource allocation
114202	114202-DE-EPA	EPI526674	03292629.7	DE	1-Aug-2007	21-Oct-2003	OFDM/L1 link Adaptation for optimum cell resource allocation
114202	114202-GB-EPA	EPI526674	03292629.7	GB	1-Aug-2007	21-Oct-2003	OFDM/L1 link Adaptation for optimum cell resource allocation
114374	114374-CN-NP	ZL200510087897.7	200510087897.7	CN	12-Aug-2009	11-May-2005	Secure Internet Resource Access
114374	114374-RU-PCT	RU2387089	2005141487	RU	20-Apr-2010	4-May-2005	Secure Internet Resource Access
114374	114374-FR-EPA	EPI596553	04291205.5	FR	27-Jul-2016	11-May-2004	Secure Internet Resource Access
114374	114374-DE-EPA	EPI596553	04291205.5	DE	27-Jul-2016	11-May-2004	Secure Internet Resource Access
114374	114374-GB-EPA	EPI596553	04291205.5	GB	27-Jul-2016	11-May-2004	Secure Internet Resource Access
114530	114530-JP-NP	JP4901202	2005556001	JP	13-Jan-2012	9-Dec-2005	Provision for External Antenna Diversity at Portable Devices
114530	114530-FR-EPA	EPI672817	04293039.6	FR	17-Sep-2008	17-Dec-2004	Provision for External Antenna Diversity at Portable Devices
114530	114530-DE-EPA	EPI672817	04293039.6	DE	17-Sep-2008	17-Dec-2004	Provision for External Antenna Diversity at Portable Devices
114530	114530-GB-EPA	EPI672817	04293039.6	GB	17-Sep-2008	17-Dec-2004	Provision for External Antenna Diversity at Portable Devices
114631	114631-US-NP	US83326284	11/856977	US	4-Dec-2012	24-Sep-2007	DISCONTINUOUS RADIO COVERAGE TO OPTIMIZE INTRA AND INTER-FREQUENCY HANDOVER
114631	114631-IN-PCT	941/CHENP/2009	IN			4-Sep-2007	DISCONTINUOUS RADIO COVERAGE TO OPTIMIZE INTRA AND INTER-FREQUENCY HANDOVER
114631	114631-KR-PCT	KR10-1166036	10-2009-7007235	KR	10-Jul-2012	4-Sep-2007	DISCONTINUOUS RADIO COVERAGE TO OPTIMIZE INTRA AND INTER-FREQUENCY HANDOVER
114631	114631-FR-EPA	EPI912460	06291586.3	FR	24-Aug-2011	9-Oct-2006	DISCONTINUOUS RADIO COVERAGE TO OPTIMIZE INTRA AND INTER-FREQUENCY HANDOVER
114631	114631-DE-EPA	EPI912460	06291586.3	DE	24-Aug-2011	9-Oct-2006	DISCONTINUOUS RADIO COVERAGE TO OPTIMIZE INTRA AND INTER-FREQUENCY HANDOVER
114631	114631-GB-EPA	EPI912460	06291586.3	GB	24-Aug-2011	9-Oct-2006	DISCONTINUOUS RADIO COVERAGE TO OPTIMIZE INTRA AND INTER-FREQUENCY HANDOVER
114631	114631-CN-NP	ZL200710162726.5	200710162726.5	CN	20-Jul-2011	8-Oct-2007	DISCONTINUOUS RADIO COVERAGE TO OPTIMIZE INTRA AND INTER-FREQUENCY HANDOVER
114660	114660-US-NP	US7903971	11/390313	US	8-Mar-2011	28-Mar-2006	Multimode Signaling on passive optical networks

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114660	114660-IN-NP		3113/DEL/2005	IN	22-Nov-2005	Multimode-Signaling on passive optical networks	
114660	114660-MX-NP		MX263121	MX	15-Dec-2008	9-Dec-2005	Multimode-Signaling on passive optical networks
114660	114660-CN-NP		200610066562.1	CN		3-Apr-2006	Multimode-Signaling on passive optical networks
114660	114660-FR-EPA	EPI1710936	05290737.5	FR	3-Sep-2008	4-Apr-2005	Multimode-Signaling on passive optical networks
114660	114660-DE-EPA	EPI1710936	05290737.5	DE	3-Sep-2008	4-Apr-2005	Multimode-Signaling on passive optical networks
114660	114660-GB-EPA	EPI1710936	05290737.5	GB	3-Sep-2008	4-Apr-2005	Multimode-Signaling on passive optical networks
114660	114660-CN-DIV		201510125728.1	CN		3-Apr-2006	Multimode-Signaling on passive optical networks
114660	114660-KR-PCT	KR10-1186427	1020077025578	KR	20-Sep-2012	18-Nov-2005	Multimode-Signaling on passive optical networks
114660	114660-JP-NP	JP4801475	200676020	JP	12-Aug-2011	20-Mar-2006	Multimode-Signaling on passive optical networks
114804	114804-US-NP	US7899328	11/519150	US	1-Mar-2011	12-Sep-2006	TC-frame arrangement for multi-level signaling PONs
114804	114804-JP-NP	JP4794394	2006229025	JP	5-Aug-2011	25-Aug-2006	TC-frame arrangement for multi-level signaling PONs
114804	114804-CN-NP	ZL200610151485.X	200610151485.X	CN	19-May-2010	12-Sep-2006	TC-frame arrangement for multi-level signaling PONs
114804	114804-FR-EPA	EPI1763165	05291891.9	FR	9-Jan-2008	13-Sep-2005	TC-frame arrangement for multi-level signaling PONs
114804	114804-DE-EPA	EPI1763165	05291891.9	DE	9-Jan-2008	13-Sep-2005	TC-frame arrangement for multi-level signaling PONs
114804	114804-GB-EPA	EPI1763165	05291891.9	GB	9-Jan-2008	13-Sep-2005	TC-frame arrangement for multi-level signaling PONs
115035	115035-US-NP	US7545744	11/092264	US	9-Jun-2009	31-May-2005	Adjusting bandwidth among distributed network elements
115035	115035-CN-NP	ZL200610066904.X	200610066904.X	CN	22-Jul-2009	30-Mar-2006	Adjusting bandwidth among distributed network elements
115035	115035-DE-EPA	EPI1708441	06290365.3	DE	18-Jun-2008	28-Feb-2006	Adjusting bandwidth among distributed network elements
115035	115035-CN-EPA	EPI1708441	06290365.3	CN	18-Jun-2008	28-Feb-2006	Adjusting bandwidth among distributed network elements
115036	115036-US-PCT	US7779155	10/583447	US	17-Aug-2010	29-Aug-2004	A COMMUNICATIONS NETWORK
115036	115036-CN-PCT	ZL200480040343.5	200480040343.5	CN	8-Apr-2009	29-Aug-2004	A METHOD AND SYSTEM FOR RESOURCE BUNDLING IN A COMMUNICATIONS NETWORK
115036	115036-FR-EPT	EPI1704491	04770452.3	FR	28-Dec-2011	29-Aug-2004	A METHOD AND SYSTEM FOR RESOURCE BUNDLING IN A COMMUNICATIONS NETWORK
115036	115036-DE-EPT	EPI1704491	04770452.3	DE	28-Dec-2011	29-Aug-2004	A METHOD AND SYSTEM FOR RESOURCE BUNDLING IN A COMMUNICATIONS NETWORK
115036	115036-GB-EPT	EPI1704491	04770452.3	GB	28-Dec-2011	29-Aug-2004	A METHOD AND SYSTEM FOR RESOURCE BUNDLING IN A COMMUNICATIONS NETWORK
120357	120357-US-NP	US7106699	09/965517	US	12-Sep-2006	27-Sep-2001	WEIGHTED IDRFC
120442	120442-GB-EPA	EPI168718	00440195.6	GB	23-Mar-2005	30-Jun-2000	FORWARDING ENGINE OFFERING SIMULTANEOUS CONNECTIVITY TO A LOCAL SERVICE NETWORK AND A SEPARATE VPN.
120442	120442-DE-EPA	EPI168718	00440195.6	DE	23-Mar-2005	30-Jun-2000	FORWARDING ENGINE OFFERING SIMULTANEOUS CONNECTIVITY TO A LOCAL SERVICE NETWORK AND A SEPARATE VPN.
120442	120442-FR-EPA	EPI168718	00440195.6	FR	23-Mar-2005	30-Jun-2000	FORWARDING ENGINE OFFERING SIMULTANEOUS CONNECTIVITY TO A LOCAL SERVICE NETWORK AND A SEPARATE VPN.

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120442	120442-JP-NP	JP4571761	2001189723	JP	20-Aug-2010	22-Jun-2001	FORWARDING ENGINE OFFERING SIMULTANEOUS CONNECTIVITY TO A LOCAL SERVICE NETWORK AND A SEPARATE VPN.
120812	120812-US-NP	US7167555	10991487	US	23-Jan-2007	19-Nov-2004	SETTING ADAPTIVE HYBRID FOR TDR BASED SUBSCRIBER LINE IDENTIFICATION.
120812	120812-GB-EPA	EPI533621	03292891.3	GB	15-Feb-2006	20-Nov-2003	SETTING ADAPTIVE HYBRID FOR TDR BASED SUBSCRIBER LINE IDENTIFICATION.
120812	120812-DE-EPA	EPI533621	03292891.3	DE	15-Feb-2006	20-Nov-2003	SETTING ADAPTIVE HYBRID FOR TDR BASED SUBSCRIBER LINE IDENTIFICATION.
120812	120812-FR-EPA	EPI533621	03292891.3	FR	15-Feb-2006	20-Nov-2003	SETTING ADAPTIVE HYBRID FOR TDR BASED SUBSCRIBER LINE IDENTIFICATION.
120818	120818-FR-EPA	EPI443716	03290252.0	FR	2-May-2007	3-Feb-2003	ESTABLISHMENT OF MUTUALLY DIVERSE CONNECTIONS BETWEEN MULTIHOMED NETWORKS.
120818	120818-DE-EPA	EPI443716	03290252.0	DE	2-May-2007	3-Feb-2003	ESTABLISHMENT OF MUTUALLY DIVERSE CONNECTIONS BETWEEN MULTIHOMED NETWORKS.
120818	120818-IT-EPA	EPI443716	03290252.0	IT	2-May-2007	3-Feb-2003	ESTABLISHMENT OF MUTUALLY DIVERSE CONNECTIONS BETWEEN MULTIHOMED NETWORKS.
120818	120818-GB-EPA	EPI443716	03290252.0	GB	2-May-2007	3-Feb-2003	ESTABLISHMENT OF MUTUALLY DIVERSE CONNECTIONS BETWEEN MULTIHOMED NETWORKS.
120971	120971-EP-EPA		04291975.3	EP		2-Aug-2004	QUALITATIVE USER BEHAVIOUR INDUCED CONTENT PUBLISHING
120971	120971-US-NP	US8484675	11/190832	US	9-Jul-2013	28-Jul-2005	QUALITATIVE USER BEHAVIOUR INDUCED CONTENT PUBLISHING
120971	120971-CN-NP	CN100461852C	200510084157.8	CN	11-Feb-2009	14-Jul-2005	QUALITATIVE USER BEHAVIOUR INDUCED CONTENT PUBLISHING
121015	121015-CN-NP	ZL341694	200510087312.1	CN	26-Aug-2009	28-Jul-2005	MULTICAST SOURCE DISCOVERY IN A VLAN PARTITIONED NETWORK
121015	121015-FR-EPA	EPI624611	04292006.6	FR	28-Feb-2007	6-Aug-2004	MULTICAST SOURCE DISCOVERY IN A VLAN PARTITIONED NETWORK
121015	121015-DE-EPA	EPI624611	04292006.6	DE	28-Feb-2007	6-Aug-2004	MULTICAST SOURCE DISCOVERY IN A VLAN PARTITIONED NETWORK
121015	121015-IT-EPA	EPI624611	04292006.6	IT	28-Feb-2007	6-Aug-2004	MULTICAST SOURCE DISCOVERY IN A VLAN PARTITIONED NETWORK
121015	121015-ES-EPA	EPI624611	04292006.6	ES	28-Feb-2007	6-Aug-2004	MULTICAST SOURCE DISCOVERY IN A VLAN PARTITIONED NETWORK
121015	121015-GR-EPA	EPI624611	04292006.6	GB	28-Feb-2007	6-Aug-2004	MULTICAST SOURCE DISCOVERY IN A VLAN PARTITIONED NETWORK
121048	121048-US-NP	US7436643	11/312699	US	14-Oct-2008	21-Dec-2005	FAST FUSE BLOW FOR ADDED SAFETY IN HOT SWAP APPLICATIONS.
121116	121116-US-NP	US7796591	11/510829	US	14-Sep-2010	28-Aug-2006	VRF IN ACCESS WITH SEPARATE UPSTREAM AND DOWNSTREAM FBSS.
121116	121116-CN-NP	ZL10115957.6	200610115957.6	CN	6-Oct-2010	21-Aug-2006	VRF IN ACCESS WITH SEPARATE UPSTREAM AND DOWNSTREAM FBSS.
121116	121116-FR-EPA	EPI760956	05291801.8	FR	5-Nov-2008	29-Aug-2005	VRF IN ACCESS WITH SEPARATE UPSTREAM AND DOWNSTREAM FBSS.
121116	121116-DE-EPA	EPI760956	05291801.8	DE	5-Nov-2008	29-Aug-2005	VRF IN ACCESS WITH SEPARATE UPSTREAM AND DOWNSTREAM FBSS.
121116	121116-GB-EPA	EPI760956	05291801.8	GB	5-Nov-2008	29-Aug-2005	VRF IN ACCESS WITH SEPARATE UPSTREAM AND DOWNSTREAM FBSS.

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121125	121125-US-NP	US8904043	11/52299	US	2-Dec-2014	21-Sep-2006	ACCESS NODES WITH TRANSPORT LAYER INTERACTION FUNCTIONALITY.
121125	121125-FR-EPA	EPI768336	05291969.3	FR	18-Nov-2009	22-Sep-2005	ACCESS NODES WITH TRANSPORT LAYER INTERACTION FUNCTIONALITY.
121125	121125-DE-EPA	EPI768336	05291969.3	DE	18-Nov-2009	22-Sep-2005	ACCESS NODES WITH TRANSPORT LAYER INTERACTION FUNCTIONALITY.
121125	121125-GB-EPA	EPI768336	05291969.3	GB	18-Nov-2009	22-Sep-2005	ACCESS NODES WITH TRANSPORT LAYER INTERACTION FUNCTIONALITY.
121255	121255-US-NP	US8689246	11/845992	US	1-Apr-2014	28-Aug-2007	NETWORK ELEMENT TO ENABLE GLOBAL IPTV WITH ROAMING CAPABILITIES
121255	121255-KR-PCT	KR101291526	10-2009-7004246	KR	25-Jul-2013	20-Aug-2007	NETWORK ELEMENT TO ENABLE GLOBAL IPTV WITH ROAMING CAPABILITIES
121255	121255-FR-EPA	EPI895777	06291400.7	FR	14-Jan-2009	1-Sep-2006	NETWORK ELEMENT TO ENABLE GLOBAL IPTV WITH ROAMING CAPABILITIES
121255	121255-DE-EPA	EPI895777	06291400.7	DE	14-Jan-2009	1-Sep-2006	NETWORK ELEMENT TO ENABLE GLOBAL IPTV WITH ROAMING CAPABILITIES
121255	121255-GR-EPA	EPI895777	06291400.7	GB	14-Jan-2009	1-Sep-2006	NETWORK ELEMENT TO ENABLE GLOBAL IPTV WITH ROAMING CAPABILITIES
121255	121255-CN-NP	ZL200710147876.9	200710147876.9	CN	4-Jul-2012	31-Aug-2007	NETWORK ELEMENT TO ENABLE GLOBAL IPTV WITH ROAMING CAPABILITIES
121298	121298-FR-EPA	EPI865757	06290932.0	FR	2-Mar-2011	6-Jun-2006	REDUCED CROSSTALK IN PRINTED CIRCUIT BOARDS BY TWISTING TRACKS.
121298	121298-DE-EPA	EPI865757	06290932.0	DE	2-Mar-2011	6-Jun-2006	REDUCED CROSSTALK IN PRINTED CIRCUIT BOARDS BY TWISTING TRACKS.
121298	121298-GB-EPA	EPI865757	06290932.0	GB	2-Mar-2011	6-Jun-2006	REDUCED CROSSTALK IN PRINTED CIRCUIT BOARDS BY TWISTING TRACKS.
131237	131237-US-NP	US7127658	62251	US	24-Oct-2006	21-Jul-2003	BLOCK CODE WITH VERY LONG BLOCK LENGTH AND LARGE ERROR CORRECTING CAPABILITY
131237	131237-CN-NP	ZL03125599.X	03125599.X	CN	25-Jun-2008	19-Sep-2003	BLOCK CODE WITH VERY LONG BLOCK LENGTH AND LARGE ERROR CORRECTING CAPABILITY
131253	131253-US-NP	US7003229	689595	US	21-Feb-2006	22-Oct-2003	IMPLEMENTATION CRITERIUM FOR CWDMD SYSTEM - HOW TO IMPLEMENT THE FILTER TAP ORDER OF THE PASSIVE OPTICS DEVICES
131253	131253-GB-EPA	EPI463223	03290789.1	GB	7-Sep-2005	28-Mar-2003	IMPLEMENTATION CRITERIUM FOR CWDMD SYSTEM - HOW TO IMPLEMENT THE FILTER TAP ORDER OF THE PASSIVE OPTICS DEVICES
131253	131253-DE-EPA	EPI463223	03290789.1	DE	7-Sep-2005	28-Mar-2003	IMPLEMENTATION CRITERIUM FOR CWDMD SYSTEM - HOW TO IMPLEMENT THE FILTER TAP ORDER OF THE PASSIVE OPTICS DEVICES
131253	131253-FR-EPA	EPI463223	03290789.1	FR	7-Sep-2005	28-Mar-2003	IMPLEMENTATION CRITERIUM FOR CWDMD SYSTEM - HOW TO IMPLEMENT THE FILTER TAP ORDER OF THE PASSIVE OPTICS DEVICES
131264	131264-US-NP	US7525905	10/950397	US	28-Apr-2009	7-Oct-2004	ENHANCED EQUIPMENT PROTECTION SWITCH (EPS) FOR CUSTOMER'S DEVICE DUAL-HOMING

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131264	131264-CN-NP	ZL200410091728.6	200410091728	CN	2-Aug-2007	25-Nov-2004	ENHANCED EQUIPMENT PROTECTION SWITCH (EPS) FOR CUSTOMER'S DEVICE DUAL-HOMING
131264	131264-GB-EPA	EPI542410	03293118.0	GB	7-Jun-2006	11-Dec-2003	ENHANCED EQUIPMENT PROTECTION SWITCH (EPS) FOR CUSTOMER'S DEVICE DUAL-HOMING
131264	131264-DE-EPA	EPI542410	03293118.0	DE	7-Jun-2006	11-Dec-2003	ENHANCED EQUIPMENT PROTECTION SWITCH (EPS) FOR CUSTOMER'S DEVICE DUAL-HOMING
131264	131264-FR-EPA	EPI542410	03293118.0	FR	7-Jun-2006	11-Dec-2003	ENHANCED EQUIPMENT PROTECTION SWITCH (EPS) FOR CUSTOMER'S DEVICE DUAL-HOMING
131328	131328-CN-NP	ZL200710139770.4	200710139770.4	CN	12-Dec-2012	31-Jul-2007	Method and network node for monitoring traffic in a private VLAN
131328	131328-US-NP	US8107474	11/831,500	US	31-Jan-2012	31-Jul-2007	Method and network node for monitoring traffic in a private VLAN
131328	131328-FR-EPA	EPI885086	06291247.2	FR	26-Jan-2011	1-Aug-2006	Method and network node for monitoring traffic in a private VLAN
131328	131328-DE-EPA	EPI885086	06291247.2	DE	26-Jan-2011	1-Aug-2006	Method and network node for monitoring traffic in a private VLAN
131328	131328-GR-EPA	EPI885086	06291247.2	GB	26-Jan-2011	1-Aug-2006	Method and network node for monitoring traffic in a private VLAN
134227	134227-US-NP	US7969966	11/311,716	US	28-Jun-2011	19-Dec-2005	PORT MAPPING WITH USER/NETWORK PORTS
134244	134244-US-NP	US7957325	11/534,776	US	7-Jun-2011	25-Sep-2006	Limiting the Number of VLANs That Can Be Created by GVRP on a Chassis or Stack-Based Bridging Device with Distributed or Centralized Software Architectures
134244	134244-FR-EPT	EPI997280	07758402.7	FR	3-Jul-2013	13-Mar-2007	Limiting the Number of VLANs That Can Be Created by GVRP on a Chassis or Stack-Based Bridging Device with Distributed or Centralized Software Architectures
134244	134244-DE-EPT	EPI997280	07758402.7	DE	3-Jul-2013	13-Mar-2007	Limiting the Number of VLANs That Can Be Created by GVRP on a Chassis or Stack-Based Bridging Device with Distributed or Centralized Software Architectures
134244	134244-GB-EPT	EPI997280	07758402.7	GB	3-Jul-2013	13-Mar-2007	Limiting the Number of VLANs That Can Be Created by GVRP on a Chassis or Stack-Based Bridging Device with Distributed or Centralized Software Architectures
135927	135927-US-NP	US7292537	10/307,133	US	6-Nov-2007	29-Nov-2002	MEASUREMENT ARCHITECTURE TO OBTAIN PER-HOP ONE-WAY PACKET LOSS IN MULTI-CLASS SERVICES NETWORKS
135930	135930-US-NP	US7286482	10/307,182	US	23-Oct-2007	29-Nov-2002	An Optimal and Decentralized Procedure to Measurement Session Preparation, Scheduling, Initialization, and Launching for Service Level Specification (SLS) Monitoring in Differentiated Service networks
135970	135970-US-NP	US7289437	10/179,582	US	30-Oct-2007	24-Jun-2002	RITE: Routing stability-based Integrated Traffic Engineering for MPLS/Optical Networks
135970	135970-EP-EPA			EP		10-Oct-2002	RITE: Routing stability-based Integrated Traffic Engineering for MPLS/Optical Networks
137203	137203-US-NP	US6671258	09/495,378	US	30-Dec-2003	1-Feb-2000	Dynamic RED Algorithm
137203	137203-GB-EPA	EPI122916	01101623.5	GB	13-Mar-2013	25-Jan-2001	Dynamic RIED Algorithm

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137203	137203-DE-EPA	EPI122916	01101623.5	DE	13-Mar-2013	25-Jan-2001	Dynamic RED Algorithm
137203	137203-FR-EPA	EPI122916	01101623.5	FR	13-Mar-2013	25-Jan-2001	Dynamic RED Algorithm
137345	137345-US-NP	US6816739	095171893	US	9-Nov-2004	3-Mar-2000	Radio System attenuator for an antenna
137369	137369-US-NP	US7099271	10015576	US	29-Aug-2006	17-Dec-2001	Fast Activity Determination Circuit
137369	137369-CN-NP	ZL02142841.7	02142841.7	CN	4-Feb-2009	18-Sep-2002	Fast Activity Determination Circuit
137369	137369-FR-EPA	EPI298861	02292286.8	FR	14-Sep-2011	18-Sep-2002	Fast Activity Determination Circuit
137369	137369-DE-EPA	EPI298861	02292286.8	DE	14-Sep-2011	18-Sep-2002	Fast Activity Determination Circuit
137369	137369-GB-EPA	EPI298861	02292286.8	GB	14-Sep-2011	18-Sep-2002	Fast Activity Determination Circuit
137383	137383-US-NP	US7085225	095963520	US	1-Aug-2006	27-Sep-2001	FABRIC REDUNDANCY FOR MULTI-SHELF SWITCH/ROUTER
137383	137383-FR-EPA	EPI298862	02292287.6	FR	18-Feb-2009	18-Sep-2002	FABRIC REDUNDANCY FOR MULTI-SHELF SWITCH/ROUTER
137383	137383-DE-EPA	EPI298862	02292287.6	DE	18-Feb-2009	18-Sep-2002	FABRIC REDUNDANCY FOR MULTI-SHELF SWITCH/ROUTER
137383	137383-GB-EPA	EPI298862	02292287.6	GB	18-Feb-2009	18-Sep-2002	FABRIC REDUNDANCY FOR MULTI-SHELF SWITCH/ROUTER
137389	137389-US-NP	US6861943	10015574	US	1-Mar-2005	17-Dec-2001	NE EQUIPMENT STATUS MONITORING (AND FAULT ISOLATION)
137389	137389-FR-EPA	EPI300736	02292372.6	FR	12-Aug-2009	26-Sep-2002	NE EQUIPMENT STATUS MONITORING (AND FAULT ISOLATION)
137389	137389-DE-EPA	EPI300736	02292372.6	DE	12-Aug-2009	26-Sep-2002	NE EQUIPMENT STATUS MONITORING (AND FAULT ISOLATION)
137389	137389-GB-EPA	EPI300736	02292372.6	GB	12-Aug-2009	26-Sep-2002	NE EQUIPMENT STATUS MONITORING (AND FAULT ISOLATION)
137414	137414-US-NP	US7170908	10015572	US	30-Jan-2007	17-Dec-2001	QUALITY OF BOTH PRIMARY AND PROTECTION SOURCES
137414	137414-FR-EPA	EPI298869	02292374.2	FR	3-May-2006	26-Sep-2002	IMPROVING RELIABILITY BY MONITORING THE QUALITY OF BOTH PRIMARY AND PROTECTION SOURCES
137414	137414-GB-EPA	EPI298869	02292374.2	GB	3-May-2006	26-Sep-2002	IMPROVING RELIABILITY BY MONITORING THE QUALITY OF BOTH PRIMARY AND PROTECTION SOURCES
137414	137414-IT-EPA	EPI298869	02292374.2	IT	3-May-2006	26-Sep-2002	IMPROVING RELIABILITY BY MONITORING THE QUALITY OF BOTH PRIMARY AND PROTECTION SOURCES
137414	137414-DE-EPA	EPI298869	02292374.2	DE	3-May-2006	26-Sep-2002	IMPROVING RELIABILITY BY MONITORING THE QUALITY OF BOTH PRIMARY AND PROTECTION SOURCES
137424	137424-US-NP	US7233568	10012432	US	19-Jun-2007	12-Dec-2001	A MULTI-SHELF NE
137424	137424-GB-EPA	EPI298868	02292373.4	GB	22-Apr-2015	26-Sep-2002	SELECTION OF REDUNDANT CONTROL PATHS LINKS IN A MULTI-SHELF NE
137424	137424-FR-EPA	EPI298868	02292373.4	FR	22-Apr-2015	26-Sep-2002	SELECTION OF REDUNDANT CONTROL PATHS LINKS IN A MULTI-SHELF NE

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137425	137425-US-NP	US7236492	09/988939	US	26-Jun-2007	21-Nov-2001	CONFIGURABLE HARDWARE PACKET PROCESSOR
137425	137425-FR-EPA	EPI315357	02292584	FR	26-Sep-2007	18-Nov-2002	CONFIGURABLE HARDWARE PACKET PROCESSOR
137425	137425-DE-EPA	EPI315357	02292584	DE	26-Sep-2007	18-Nov-2002	CONFIGURABLE HARDWARE PACKET PROCESSOR
137425	137425-GB-EPA	EPI315357	02292584	GB	26-Sep-2007	18-Nov-2002	CONFIGURABLE HARDWARE PACKET PROCESSOR
137433	137433-US-NP	US9019899	10/154657	US	28-Apr-2015	24-May-2002	2-WIRE SYNCHRONOUS TIME DIVISION MULTIPLEXED (TDM) BUS
137433	137433-FR-EPA	EPI298824	02292313.0	FR	8-Jul-2009	20-Sep-2002	2-WIRE SYNCHRONOUS TIME DIVISION MULTIPLEXED (TDM) BUS
137433	137433-DE-EPA	EPI298824	02292313.0	DE	8-Jul-2009	20-Sep-2002	2-WIRE SYNCHRONOUS TIME DIVISION MULTIPLEXED (TDM) BUS
137433	137433-GR-EPA	EPI298824	02292313.0	GB	8-Jul-2009	20-Sep-2002	2-WIRE SYNCHRONOUS TIME DIVISION MULTIPLEXED (TDM) BUS
137444	137444-US-NP	US7212536	10/020734	US	1-May-2007	27-Dec-2001	USER PRIORITY MAPPING
137452	137452-US-NP	US7289514	10/304770	US	30-Oct-2007	27-Nov-2002	Providing QoS Guarantees On Bandwidth Limited Aggregate Flows
137453	137453-US-NP	US7327735	10/304701	US	5-Feb-2008	27-Nov-2002	AN EFFICIENT METHOD OF DETECTING AND RECOVERING FROM INTERCHIP SIGNALLING LINK ERRORS
137499	137499-US-NP	US7116642	09/987830	US	3-Oct-2006	16-Nov-2001	POS (Packet over SONET) Link Management
137531	137531-US-NP	US7130877	10/25398	US	31-Oct-2006	30-Sep-2002	JAVA SERVER PIPELINE SWITCH
137545	137545-US-NP	US7477650	10/677413	US	13-Jan-2009	2-Oct-2003	PIPELINED HIERARCHICAL SCHEDULING
137546	137546-US-NP	US7602797	10/677842	US	13-Oct-2009	2-Oct-2003	REQUEST/GRANT PRIORITY SCHEDULING
137546	137546-FR-EPA	EPI521411	04300639.4	FR	23-Apr-2008	30-Sep-2004	REQUEST/GRANT PRIORITY SCHEDULING
137546	137546-DE-EPA	EPI521411	04300639.4	DE	23-Apr-2008	30-Sep-2004	REQUEST/GRANT PRIORITY SCHEDULING
137546	137546-GB-EPA	EPI521411	04300639.4	GB	23-Apr-2008	30-Sep-2004	REQUEST/GRANT PRIORITY SCHEDULING
137581	137581-US-NP	US7280543	10/226050	US	9-Oct-2007	23-Aug-2002	Extensible OAM Support in MPLS/ATM Networks
137587	137587-US-NP	US7177924	10/223874	US	13-Feb-2007	19-Aug-2002	CLIENT SUPPORT FOR CLI DEPENDENCIES
137587	137587-GB-EPA	EPI392019	03300086.0	GB	4-Jan-2006	12-Aug-2003	CLIENT SUPPORT FOR CLI DEPENDENCIES
137587	137587-DE-EPA	EPI392019	03300086.0	DE	4-Jan-2006	12-Aug-2003	CLIENT SUPPORT FOR CLI DEPENDENCIES
137587	137587-FR-EPA	EPI392019	03300086.0	FR	4-Jan-2006	12-Aug-2003	CLIENT SUPPORT FOR CLI DEPENDENCIES
137587	137587-T-EPA	EPI392019	03300086.0	IT	4-Jan-2006	12-Aug-2003	CLIENT SUPPORT FOR CLI DEPENDENCIES
137611	137611-US-NP	US7599315	10/319675	US	6-Oct-2009	16-Dec-2002	Fast Ring Topology Discovery
137660	137660-US-NP	US7284182	10/625690	US	16-Oct-2007	30-Jul-2003	Reliable Link Error Correction on 64b/66b Encoded Links
137666	137666-US-NP	US7263553	10/411263	US	28-Aug-2007	11-Apr-2003	Network Manager SNMP Trap Suppression to Counteract Denial-of-Service (DoS) Attack
137666	137666-JP-NP	JP4602683	2004113890	JP	8-Oct-2010	8-Apr-2004	Network Manager SNMP Trap Suppression to Counteract Denial-of-Service (DoS) Attack
137666	137666-CN-NP	ZL200410043037.9	200410043037.9	CN	31-Dec-2008	9-Apr-2004	Network Manager SNMP Trap Suppression to Counteract Denial-of-Service (DoS) Attack

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137666	137666-DE-EPA	EPI471685	04300192.4	DE	24-Feb-2016	8-Apr-2004	Network Manager SNMP Trap Suppression to Counteract Denial-of-Service (DoS) Attack
137666	137666-IT-EPA	EPI471685	04300192.4	IT	24-Feb-2016	8-Apr-2004	Network Manager SNMP Trap Suppression to Counteract Denial-of-Service (DoS) Attack
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137666	137666-GB-EPA	EPI471685	04300192.4	GB	24-Feb-2016	8-Apr-2004	Network Manager SNMP Trap Suppression to Counteract Denial-of-Service (DoS) Attack
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137948	137948-US-NP	US8769808	11/25/2081	US	8-Jul-2014	17-Oct-2005	Fixed and Modular Design Re-Using The Same PCB
137977	137977-US-NP		11/10/2057	US		18-Apr-2005	WM DRM License Distribution
137977	137977-CN-NP	ZL200610089881.4	200610089881.4	CN	6-Jan-2010	18-Apr-2006	A PASSIVE TCP-TRACE AND RTFM METER BASED PERFORMANCE MONITORING AND PREDICTION MECHANISM
139019	139019-US-NP	US7313141	10/26/7813	US	25-Dec-2007	9-Oct-2002	SELECTIVE TRANSMISSION RATE LIMITER FOR THE RAPID SPANNING TREE PROTOCOL
139134	139134-US-NP	US7324461	10/6/48865	US	29-Jan-2008	26-Aug-2003	SELECTIVE TRANSMISSION RATE LIMITER FOR THE RAPID SPANNING TREE PROTOCOL
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139151	139151-US-NP	US7382781	10/7/20897	US	3-Jun-2008	21-Nov-2003	Flexible Multicast Architecture for VPLS (FMVPLS)

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139212	139212-US-NP	US7565435	10741687	US	21-Jul-2009	20-Dec-2003	VLAN CONTAINMENT BY AUTOMATIC CONFIGURATION OF MSTP
139212	139212-FR-EPA	EP1545068	04029618.8	FR	10-Feb-2010	15-Dec-2004	VLAN C-CONTAINMENT BY AUTOMATIC VLAN CONTAINMENT BY AUTOMATIC CONFIGURATION OF MSTP
139212	139212-DE-EPA	EP1545068	04029618.8	DE	10-Feb-2010	15-Dec-2004	VLAN CONTAINMENT BY AUTOMATIC CONFIGURATION OF MSTP
139212	139212-GB-EPA	EP1545068	04029618.8	GB	10-Feb-2010	15-Dec-2004	VLAN CONTAINMENT BY AUTOMATIC CONFIGURATION OF MSTP
139281	139281-US-NP	US7236582	10993775	US	26-Jun-2007	20-Nov-2004	METHOD AND APPARATUS FOR TRANSPARENT CONSOLIDATION OF SWITCHES IN A TELECOMMUNICATIONS NETWORK
139308	139308-US-NP	US7471647	11718136	US	30-Dec-2008	29-Apr-2005	METHOD FOR SPANNING TREE PROTOCOL (STP) ABNORMALITY DETECTION
139308	139308-CN-NP	ZL200610072475.7	200610072475.7	CN	26-May-2010	17-Apr-2006	METHOD FOR SPANNING TREE PROTOCOL (STP) ABNORMALITY DETECTION
139308	139308-FR-EPA	EP1717999	06005238.8	FR	30-Dec-2009	15-Mar-2006	METHOD FOR SPANNING TREE PROTOCOL (STP) ABNORMALITY DETECTION
139308	139308-DE-EPA	EP1717999	06005238.8	DE	30-Dec-2009	15-Mar-2006	METHOD FOR SPANNING TREE PROTOCOL (STP) ABNORMALITY DETECTION
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139399	139399-US-NP	US8069475	112171827	US	29-Nov-2011	1-Sep-2005	802.1X DISTRIBUTED AUTHENTICATOR
139399	139399-EP-EPA	EP1764975	06014102.5	EP	20-Sep-2017	7-Jul-2006	802.1X DISTRIBUTED AUTHENTICATOR
139399	139399-KR-PCT	KR101325790	20087007891	KR	29-Oct-2013	1-Apr-2008	802.1X DISTRIBUTED AUTHENTICATOR
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139399	139399-GB-EPA	EP1764975	06014102.5	GB	20-Sep-2017	7-Jul-2006	802.1X DISTRIBUTED AUTHENTICATOR
139399	139399-JP-NP	JP5068495	2006222961	JP	24-Aug-2012	18-Aug-2006	802.1X DISTRIBUTED AUTHENTICATOR
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139430	139430-FR-EPA	EP1784045	06020658.8	FR	26-Jan-2011	30-Sep-2006	METHOD FOR FAST L2 PROTECTION IN WDM PASSIVE OPTICAL NETWORK (WPON)
139430	139430-DE-EPA	EP1784045	06020658.8	DE	26-Jan-2011	30-Sep-2006	METHOD FOR FAST L2 PROTECTION IN WDM PASSIVE OPTICAL NETWORK (WPON)
139430	139430-IN-PCT	2043/CHE/NP/2009	IN		28-Nov-2007	CUSTOMER LOYALTY BASED SYSTEM FOR IPTV ADVERTISING MECHANISMS	
139528	139528-KR-PCT	KR101463274	20097013676	KR	12-Nov-2014	28-Nov-2007	CUSTOMER LOYALTY BASED SYSTEM FOR IPTV ADVERTISING MECHANISMS
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150076	150076-US-NP	US7609707	11216913	US	27-Oct-2009	31-Aug-2005	Highly Flexible "Pay As You Grow" Egress Traffic Management
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150134	150134-US-NP	US7487236	11243388	US	3-Feb-2009	4-Oct-2005	Tiered Composite Service : Diagnostics, Monitoring, Alarms and Topology Display
150138	150138-US-NP	US7792025	11246285	US	7-Sep-2010	11-Oct-2005	Multi-Service Session Admission Control
150163	150163-US-NP	US7586854	11373918	US	8-Sep-2009	13-Mar-2006	Dynamic High-Speed Data Path Interface For Flexible Routers
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150241	150241-US-NP	US7559006	11373160	US	7-Jul-2009	13-Mar-2006	Activity Switch Detection and Data Stream Modification in Redundant Systems
150271	150271-US-NP	US7660236	11411969	US	9-Feb-2010	27-Apr-2006	Efficient Multi-Chassis APS Control Protocol Signaling
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800313	800313-DE-EPA	EP2009943	07290792.6	DE	6-Apr-2011	25-Jun-2007	Basic scheduling concept for HSUPA
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800373	800373-FR-NP	FR2905045	0654505	FR	2-Sep-2011	25-Oct-2006	CQI REPORT IN MBMS FOR ADAPTIVE MODULATION AND CODING
800373	800373-CN-PCT	ZL2007800335019.8	2007800335019.8	CN	2-Jan-2013	20-Jul-2007	CQI REPORT IN MBMS FOR ADAPTIVE MODULATION AND CODING
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800373	800373-US-PCT	US8325619	12377646	US	4-Dec-2012	20-Jul-2007	CQI REPORT IN MBMS FOR ADAPTIVE MODULATION AND CODING
800509	800509-CN-NP	ZL200810085647.3	200810085647.3	CN	28-Nov-2012	4-Feb-2008	Flexible interleaver for RAN LTE
800509	800509-US-NP	US8311017	12025384	US	13-Nov-2012	4-Feb-2008	Flexible interleaver for RAN LTE
800509	800509-FR-EPA	EPI953921	07300772.6	FR	21-Nov-2012	5-Feb-2007	Flexible interleaver for RAN LTE
800509	800509-DE-EPA	EPI953921	07300772.6	DE	21-Nov-2012	5-Feb-2007	Flexible interleaver for RAN LTE
800509	800509-GB-EPA	EPI953921	07300772.6	GB	21-Nov-2012	5-Feb-2007	Flexible interleaver for RAN LTE
800564	800564-US-NP	US7903586	11/861902	US	8-Mar-2011	26-Sep-2007	Ring Rapid Spanning Tree (RRSTP) for Multiple Spanning Tree Protocol (MSTP)
800694	800694-US-NP	US7865576	11/712577	US	4-Jan-2011	27-Feb-2007	Change of Authorization In A Dual Homing Environment
800694	800694-CN-PCT	ZL20088003364.8	20088003364.8	CN	24-Apr-2013	28-Jan-2008	Change of Authorization In A Dual Homing Environment
800694	800694-FR-EPT	EP2122917	08737745.3	FR	13-Mar-2013	28-Jan-2008	Change of Authorization In A Dual Homing Environment
800694	800694-EP-EPT	EP2122917	08737745.3	DE	13-Mar-2013	28-Jan-2008	Change of Authorization In A Dual Homing Environment

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800694	800694-GB-EPT	EP2122917	08737745.3	GB	13-Mar-2013	28-Jan-2008	Change of Authorization In A Dual Homing Environment
800779	800779-US-NP	US7881230	11/980027	US	1-Feb-2011	29-Oct-2007	Self Configuring Link Aggregation Using Link Aggregation Control Protocol (LACP)
800936	800936-US-NP	US7085264	10/024443	US	1-Aug-2006	18-Dec-2001	System and method for controlling media gateways that interconnect disparate networks
800965	800965-US-NP	US7454204	10/889482	US	18-Nov-2008	12-Jul-2004	Method of accessing resources of a radiocommunication system, mobile terminal and base station for the implementation of the method
800974	800974-US-PCT	US9131415	10/579881	US	8-Sep-2015	15-Nov-2004	METHOD FOR CONTROLLING COMMUNICATION SERVICE IN A TELECOMMUNICATION AND COMMUTATOR ASSOCIATED THEREWITH
800974	800974-FR-EPT	EPI685733	04797898.6	FR	9-Jun-2010	15-Nov-2004	METHOD FOR CONTROLLING COMMUNICATION SERVICE IN A TELECOMMUNICATION AND COMMUTATOR ASSOCIATED THEREWITH
800974	800974-DE-EPT	EPI685733	04797898.6	DE	9-Jun-2010	15-Nov-2004	METHOD FOR CONTROLLING COMMUNICATION SERVICE IN A TELECOMMUNICATION AND COMMUTATOR ASSOCIATED THEREWITH
800974	800974-IT-EPT	EPI685733	04797898.6	IT	9-Jun-2010	15-Nov-2004	METHOD FOR CONTROLLING COMMUNICATION SERVICE IN A TELECOMMUNICATION AND COMMUTATOR ASSOCIATED THEREWITH
800974	800974-ES-EPT	EPI685733	04797898.6	ES	9-Jun-2010	15-Nov-2004	METHOD FOR CONTROLLING COMMUNICATION SERVICE IN A TELECOMMUNICATION AND COMMUTATOR ASSOCIATED THEREWITH
800974	800974-GB-EPT	EPI685733	04797898.6	GB	9-Jun-2010	15-Nov-2004	METHOD FOR CONTROLLING COMMUNICATION SERVICE IN A TELECOMMUNICATION AND COMMUTATOR ASSOCIATED THEREWITH
800978	800978-FR-NP	FR2866185	0401111	FR	25-Jun-2006	5-Feb-2004	REDUCED NEIGHBORING CELLS LIST CONSTITUTING PROCESS FOR E.G. CELLULAR RADIO COMMUNICATION SYSTEM INVOLVES SELECTING AT MOST N NEIGHBORING CELLS FROM CLASSIFIED NEIGHBORING CELLS TO CONSTITUTE REDUCED LIST OF AT MOST N NEIGHBORING CELLS
801002	801002-US-PCT	US83300649	12/302282	US	30-Oct-2012	22-May-2007	MOBILITY MANAGEMENT METHOD FOR MOBILE TERMINALS IN A CELLULAR WIRELESS
801002	801002-FR-EPA	EPI845741	06290857.9	FR	13-Mar-2013	24-May-2006	MOBILITY MANAGEMENT METHOD FOR MOBILE TERMINALS IN A CELLULAR WIRELESS
801002	801002-DE-EPA	EPI845741	06290857.9	DE	13-Mar-2013	24-May-2006	MOBILITY MANAGEMENT METHOD FOR MOBILE TERMINALS IN A CELLULAR WIRELESS
801002	801002-GB-EPA	EPI845741	06290857.9	GB	13-Mar-2013	24-May-2006	MOBILITY MANAGEMENT METHOD FOR MOBILE TERMINALS IN A CELLULAR WIRELESS
801180	801180-CN-PCT	ZL200980111769.8	200980111769.8	CN	16-Apr-2014	26-Mar-2009	D-terminal, VoD-server, and Policy Server Diagnostics
801180	801180-EP-EPT		09726713.2	EP		26-Mar-2009	D-server, VoD-server, and Policy Server Diagnostics
801180	801180-JP-PCT	JP5295353	2011502941	JP	21-Jun-2013	26-Mar-2009	D-server, VoD-server, and Policy Server Diagnostics
801180	801180-KR-PCT	KR101184086	20107024638	KR	12-Sep-2012	26-Mar-2009	D-server, VoD-server, and Policy Server Diagnostics
801259	801259-US-NP	US7843928	11/902709	US	30-Nov-2010	25-Sep-2007	ENHANCEMENT TO HIGHLY FLEXIBLE "PAY AS YOU GROW" EGRESS TRAFFIC MANAGEMENT

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801272	801272-US-NP	US8130649	11/907871	US	6-Mar-2012	18-Oct-2007	Optimized Ingress Traffic Flow Control for Priority-Based Routers/Switches
801272	801272-US-CNT	US9258232	13/360310	US	9-Feb-2016	27-Jan-2012	Optimized Ingress Traffic Flow Control for Priority-Based Routers/Switches
801478	801478-FR-NP	FR2915841	0703268	FR	18-Dec-2015	4-May-2007	Hosted pushed mail taxation solution for Legacy operators.
801478	801478-IN-PCT		6508/CHE/NP/2009	IN		2-May-2008	Hosted pushed mail taxation solution for Legacy operators.
801478	801478-JP-PCT	JP5528328	2010507016	JP	25-Apr-2014	2-May-2008	Hosted pushed mail taxation solution for Legacy operators.
801682	801682-EP-EPA		07301646.1	EP		7-Dec-2007	Application building by automatic composition of semantic software components
801682	801682-IL-PCT	IL205865	205865	IL	28-May-2014	18-Nov-2008	Application building by automatic composition of semantic software components
801682	801682-MX-PCT	MX301233	MX/ta/2010/006118	MX	12-Jul-2012	18-Nov-2008	Application building by automatic composition of semantic software components
801682	801682-KR-PCT	KR101584972	20107012172	KR	7-Jan-2016	18-Nov-2008	Application building by automatic composition of semantic software components
801682	801682-TW-NP	TW1446263	97144730	TW	21-Jul-2014	19-Nov-2008	Application building by automatic composition of semantic software components
801682	801682-JP-PCT	JP5319694	2010536401	JP	19-Jul-2013	18-Nov-2008	Application building by automatic composition of semantic software components
801682	801682-JP-PCT	JP5427176	2010522970	JP	6-Dec-2013	29-Aug-2008	Method and System of Optimal Cache Allocation In IPTV Networks
801935	801935-IN-PCT		1014/CHE/NP/2010	IN		29-Aug-2008	Method and System of Optimal Cache Allocation In IPTV Networks
801935	801935-KR-PCT	KR101532568	20107004384	KR	24-Jun-2015	29-Aug-2008	Method and System of Optimal Cache Allocation In IPTV Networks
801935	801935-EP-EPT		08829870.8	EP		29-Aug-2008	Method and System of Optimal Cache Allocation In IPTV Networks
801935	801935-CN-PCT	ZL200880104356.2	200880104356.2	CN	21-Aug-2013	29-Aug-2008	Method and System of Optimal Cache Allocation In IPTV Networks
802059	802059-CN-NP	ZL20091007145.3	20091007145.3	CN	28-Nov-2012	9-Feb-2009	Inband backhauling in FDD systems with relay stations using inverted frequency allocation
802059	802059-IN-PCT		5047/CHE/NP/2010	IN		15-Dec-2008	Inband backhauling in FDD systems with relay stations using inverted frequency allocation
802059	802059-JP-PCT	JP5184654	2010-547066	JP	25-Jan-2013	15-Dec-2008	Inband backhauling in FDD systems with relay stations using inverted frequency allocation
802059	802059-KR-PCT	KR101112462	10-2010-7018113	KR	30-Jan-2012	15-Dec-2008	Inband backhauling in FDD systems with relay stations using inverted frequency allocation
802059	802059-FR-EPA	EP2091298	08290165.3	FR	16-May-2012	18-Feb-2008	Inband backhauling in FDD systems with relay stations using inverted frequency allocation
802059	802059-DE-EPA	EP2091298	08290165.3	DE	16-May-2012	18-Feb-2008	Inband backhauling in FDD systems with relay stations using inverted frequency allocation
802059	802059-GB-EPA	EP2091298	08290165.3	GB	16-May-2012	18-Feb-2008	Inband backhauling in FDD systems with relay stations using inverted frequency allocation
802104	802104-EP-EPT		08797453.1	EP		8-Aug-2008	Speed Conferencing
802104	802104-IN-PCT		699/CHE/NP/2010	IN		8-Aug-2008	Speed Conferencing
802104	802104-JP-PCT	JP5528341	2010520321	JP	25-Apr-2014	8-Aug-2008	Speed Conferencing

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802104	802104-KR-PCT	KR101566180	20107002609	KR	30-Oct-2015	8-Aug-2008	Speed Conferencing
802104	802104-CN-PCT	ZL200880102152.5	200880102152.5	CN	17-Jun-2015	8-Aug-2008	Speed Conferencing
802141	802141-US-NP	US7940753	11987319	US	10-May-2011	29-Nov-2007	Enhancing Routing Optimality In IP Networks Requiring Path Establishment
802141	802141-IN-PCT		3120/CHE/NP/2010	IN		19-Nov-2008	Enhancing Routing Optimality In IP Networks Requiring Path Establishment
802172	802172-CN-NP	ZL200810209899.2	200810209899.2	CN	23-May-2012	18-Dec-2008	Dedicated Read Socket.□
802172	802172-US-NP	US7852858	12314652	US	14-Dec-2010	15-Dec-2008	Dedicated Read Socket.□
802172	802172-JP-PCT	JP4938134	2010538856	JP	2-Mar-2012	11-Dec-2008	Dedicated Read Socket.□
802172	802172-KR-PCT	KR101428138	20107013547	KR	1-Aug-2014	11-Dec-2008	Dedicated Read Socket.□
802172	802172-FR-EPA	EP2073127	08171344.8	FR	16-Nov-2011	11-Dec-2008	Dedicated Read Socket.□
802172	802172-DE-EPA	EP2073127	08171344.8	DE	16-Nov-2011	11-Dec-2008	Dedicated Read Socket.□
802172	802172-GB-EPA	EP2073127	08171344.8	GB	16-Nov-2011	11-Dec-2008	Dedicated Read Socket.□
802415	802415-EP-EPA		08305163.1	EP		13-May-2008	Smart mediation and reaction mechanism for heterogeneous interdependent infrastructures protection
802415	802415-US-NP	US7948377	122111396	US	24-May-2011	16-Sep-2008	Smart mediation and reaction mechanism for heterogeneous interdependent infrastructures protection
802523	802523-FR-EPA	EP2169992	09171151.5	FR	18-Jul-2012	23-Sep-2009	Intelligent Filter Using Correlated Operator Information For Efficient Lawful Interception
802523	802523-DE-EPA	EP2169992	09171151.5	DE	18-Jul-2012	23-Sep-2009	Intelligent Filter Using Correlated Operator Information For Efficient Lawful Interception
802523	802523-GB-EPA	EP2169992	09171151.5	GB	18-Jul-2012	23-Sep-2009	Intelligent Filter Using Correlated Operator Information For Efficient Lawful Interception
802604	802604-FR-NP	FR2934107	0804074	FR	27-Aug-2010	17-Jul-2008	Method to authenticate and localize Femto Base Stations□
802604	802604-EP-EPA		09164222.3	EP		30-Jun-2009	Method to authenticate and localize Femto Base Stations□
802604	802604-CN-NP	ZL200910159738.1	200910159738.1	CN	1-May-2013	16-Jul-2009	Method to authenticate and localize Femto Base Stations□

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802604	802604-US-NP	US8285253	12450431	US	9-Oct-2012	1-Jul-2009	Method to authenticate and localize Femto Base Stations <input type="checkbox"/>
802604	802604-IN-PCT		879/CHENP/2011	IN		30-Jun-2009	Method to authenticate and localize Femto Base Stations <input type="checkbox"/>
802893	802893-US-NP	US7903681	12139026	US	8-Mar-2011	13-Jun-2008	A Method For Distributing A Common Time Reference Within A Distributed Architecture
802893	802893-JP-PCT	JP5367813	2011513109	JP	20-Sep-2013	10-Jun-2009	A Method For Distributing A Common Time Reference Within A Distributed Architecture
802893	802893-KR-PCT	KR101175882	20107027875	KR	14-Aug-2012	10-Jun-2009	A Method For Distributing A Common Time Reference Within A Distributed Architecture
802918	802918-FP-EPA[2]		10290019.8	EP		14-Jan-2010	Macro to femto cell handover mechanism
802918	802918-JP-PCT	JP5693612	2012547452	JP	13-Feb-2015	16-Dec-2010	Macro to femto cell handover mechanism
802918	802918-KR-PCT	KR101487721	1020127020589	KR	22-Jan-2015	16-Dec-2010	Macro to femto cell handover mechanism
802918	802918-US-PCT	US9148834	13520595	US	29-Sep-2015	16-Dec-2010	Macro to femto cell handover mechanism
803025	803025-US-NP	US8250645	12145768	US	21-Aug-2012	25-Jun-2008	WORM DETECTION FOR MULTIPLE USERS SHARING SOME POINT OF ACCESS
803026	803026-US-NP	US83341740	12124431	US	25-Dec-2012	21-May-2008	PERFORM SLOW AND/OR DISTRIBUTED SCANNING
803026	803026-IN-PCT		7013/CHENP/2010	IN		14-May-2009	A METHOD FOR DETECTION OF WORMS THAT PERFORM SLOW AND/OR DISTRIBUTED SCANNING
803026	803026-JP-PCT	JP5242775	2011510084	JP	12-Apr-2013	14-May-2009	A METHOD FOR DETECTION OF WORMS THAT PERFORM SLOW AND/OR DISTRIBUTED SCANNING
803026	803026-KR-PCT	KR101286791	20107026022	KR	10-Jul-2013	14-May-2009	A METHOD FOR DETECTION OF WORMS THAT PERFORM SLOW AND/OR DISTRIBUTED SCANNING
803032	803032-FR-EPA	EP2141859	08290638.9	FR	29-Aug-2012	30-Jun-2008	Shutting down a Media Gateway Controller
803032	803032-DE-EPA	EP2141859	08290638.9	DE	29-Aug-2012	30-Jun-2008	Shutting down a Media Gateway Controller
803032	803032-GB-EPA	EP2141859	08290638.9	GB	29-Aug-2012	30-Jun-2008	Shutting down a Media Gateway Controller
803107	803107-FR-NP	FR2940569	0858773	FR	26-Aug-2011	18-Dec-2008	Common adaptation layer for heterogeneous Lawful Interception
803107	803107-CN-PCT	ZL200980151254.0	200980151254.0	CN	21-Oct-2015	14-Dec-2009	Common adaptation layer for heterogeneous Lawful Interception
803107	803107-EP-EPT		09803855.7	EP		14-Dec-2009	Common adaptation layer for heterogeneous Lawful Interception
803107	803107-JP-PCT	JP5638000	201151549	JP	31-Oct-2014	14-Dec-2009	Common adaptation layer for heterogeneous Lawful Interception
803107	803107-KR-PCT	KR1267303	20117016350	KR	20-May-2013	14-Dec-2009	Common adaptation layer for heterogeneous Lawful Interception
803107	803107-EP-EPA		08291134.8	EP		2-Dec-2008	TR-069 SECURE MANAGEMENT DELEGATION
803239	803239-CN-NP	ZL200910226064.2	200910226064.2	CN	18-Sep-2013	25-Nov-2009	TR-069 SECURE MANAGEMENT DELEGATION
803239	803239-US-NP	US8955034	12591005	US	10-Feb-2015	4-Nov-2009	TR-069 SECURE MANAGEMENT DELEGATION
803239	803239-IN-PCT		3528/CHENP/2011	IN		24-Nov-2009	TR-069 SECURE MANAGEMENT DELEGATION
803239	803239-KR-PCT	KR10-1548552	10-20117014969	KR	25-Aug-2015	24-Nov-2009	TR-069 SECURE MANAGEMENT DELEGATION

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803239	803239-JP-PCT	JP5537560	2011-538876	JP	9-May-2014	24-Nov-2009	TR-069 SECURE MANAGEMENT DELEGATION
803515	803515-FR-NP		0858060	FR		27-Nov-2008	Highly-Available Distributed Hash Table
803515	803515-EP-EPA		09174772.5	EP		2-Nov-2009	Highly-Available Distributed Hash Table
803515	803515-US-NP	US8682976	12/591470	US	25-Mar-2014	20-Nov-2009	Highly-Available Distributed Hash Table
803515	803515-CN-PCT	ZL200980125200.7	200980125200.7	CN	20-Apr-2016	20-Nov-2009	Highly-Available Distributed Hash Table
803515	803515-JP-PCT	JP5575142	2011538025	JP	11-Jul-2014	20-Nov-2009	Highly-Available Distributed Hash Table
803515	803515-KR-PCT	KR101584837	20117011997	KR	6-Jan-2016	20-Nov-2009	Highly-Available Distributed Hash Table
803589	803589-CN-PCT	ZL20108005863.8	201080005863.8	CN	31-Dec-2014	29-Jan-2010	Resource Negotiation for Downlink Interference Improvement during Handover
803589	803589-JP-PCT	JP5506820	2011546714	JP	28-Mar-2014	29-Jan-2010	Resource Negotiation for Downlink Interference Improvement during Handover
803589	803589-KR-PCT	KR101286481	20117019775	KR	10-Jul-2013	29-Jan-2010	Resource Negotiation for Downlink Interference Improvement during Handover
803589	803589-US-PCT	US8954073	13/146560	US	10-Feb-2015	29-Jan-2010	Resource Negotiation for Downlink Interference Improvement during Handover
803589	803589-FR-EPA	EP2214436	09290063.8	FR	20-Mar-2013	29-Jan-2009	Resource Negotiation for Downlink Interference Improvement during Handover
803589	803589-DE-EPA	EP2214436	09290063.8	DE	20-Mar-2013	29-Jan-2009	Resource Negotiation for Downlink Interference Improvement during Handover
803589	803589-GB-EPA	EP2214436	09290063.8	GB	20-Mar-2013	29-Jan-2009	Resource Negotiation for Downlink Interference Improvement during Handover
803736	803736-FR-EPA	EP2160056	08290806.2	FR	27-Oct-2010	28-Aug-2008	Coordinated Sounding for cellular wireless systems
803736	803736-DE-EPA	EP2160056	08290806.2	DE	27-Oct-2010	28-Aug-2008	Coordinated Sounding for cellular wireless systems
803736	803736-GB-EPA	EP2160056	08290806.2	GB	27-Oct-2010	28-Aug-2008	Coordinated Sounding for cellular wireless systems
803736	803736-CN-PCT	ZL200980125672.2	200980125672.2	CN	8-Apr-2015	10-Jul-2009	Coordinated Sounding for cellular wireless systems
803736	803736-IN-PCT	8495/CHE/NP/2010	IN		10-Jul-2009	Coordinated Sounding for cellular wireless systems	
803736	803736-JP-PCT	JP5174244	2011524282	JP	11-Jan-2013	10-Jul-2009	Coordinated Sounding for cellular wireless systems
803736	803736-US-PCT	US9722504	13/061140	US	1-Aug-2017	10-Jul-2009	Coordinated Sounding for cellular wireless systems
803736	803736-KR-PCT	KR10-1158352	10-2010-7029591	KR	14-Jun-2012	10-Jul-2009	Coordinated Sounding for cellular wireless systems
803933	803933-EP-EPT	10742282.2	EP		9-Aug-2010	Tele Meeting Scheduler	
803933	803933-CN-PCT	ZL201080037094.X	201080037094.X	CN	22-Jul-2015	9-Aug-2010	Tele Meeting Scheduler
804283	804283-EP-EPA	EP	09305228.0	EP	12-Mar-2009	Distributed Filtering of Timing packets (DRIFT)	

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804283	804283-CN-PCT	ZL201080011218.7	201080011218.7	CN	31-Dec-2014	11-Mar-2010	Distributed Filtering of Timing packets (DRIFT)
804283	804283-JP-PCT	JP5307905	2011553458	JP	5-Jul-2013	11-Mar-2010	Distributed Filtering of Timing packets (DRIFT)
804283	804283-KR-PCT	KR1302821	20117021182	KR	27-Aug-2013	11-Mar-2010	Distributed Filtering of Timing packets (DRIFT)
804291	804291-FR-EPA	EP2273816	09290494.5	FR	5-Dec-2012	26-Jun-2009	Method for activation of a new radio cell
804291	804291-DE-EPA	EP2273816	09290494.5	DE	5-Dec-2012	26-Jun-2009	Method for activation of a new radio cell
804291	804291-GB-EPA	EP2273816	09290494.5	GB	5-Dec-2012	26-Jun-2009	Method for activation of a new radio cell
804338	804338-FR-EPA	EP2273736	09290501.7	FR	21-Sep-2011	29-Jun-2009	BIRED - Buffer Independent Random Early Detection
804338	804338-DE-EPA	EP2273736	09290501.7	DE	21-Sep-2011	29-Jun-2009	BIRED - Buffer Independent Random Early Detection
804338	804338-GB-EPA	EP2273736	09290501.7	GB	21-Sep-2011	29-Jun-2009	BIRED - Buffer Independent Random Early Detection
804338	804338-CN-PCT	ZL201080027596.4	201080027596.4	CN	10-Sep-2014	29-Jun-2010	BIRED - Buffer Independent Random Early Detection
804338	804338-JP-PCT	JP5521038	2012518078	JP	11-Apr-2014	29-Jun-2010	BIRED - Buffer Independent Random Early Detection
804338	804338-KR-PCT	KR101333856	20117031548	KR	21-Nov-2013	29-Jun-2010	BIRED - Buffer Independent Random Early Detection
804338	804338-US-PCT	US8634299	13/376496	US	21-Jan-2014	29-Jun-2010	BIRED - Buffer Independent Random Early Detection
804354	804354-FR-NP	FR2929592	0858422	FR	8-Apr-2011	10-Dec-2008	Long distance synchronization for immersion
804354	804354-CN-PCT	ZL200980149490.9	200980149490.9	CN	5-Nov-2014	10-Dec-2009	Long distance synchronization for immersion
804354	804354-FR-EPT		09803829.2	EP		10-Dec-2009	Long distance synchronization for immersion
804354	804354-JP-PCT	JP5295383	2011540174	JP	21-Jun-2013	10-Dec-2009	Long distance synchronization for immersion
804354	804354-FR-PCT	KR101222399	20117013158	KR	2-Apr-2013	10-Dec-2009	Long distance synchronization for immersion
804354	804354-US-PCT	US8681201	13/128166	US	25-Mar-2014	10-Dec-2009	Long distance synchronization for immersion
804471	804471-FR-NP	FR2942928	0900962	FR	1-Apr-2011	3-Mar-2009	Automatic blogging on state transition
804471	804471-CN-PCT	ZL201080010679.2	201080010679.2	CN	25-May-2016	11-Feb-2010	Automatic blogging on state transition
804471	804471-FP-EPT		10708325.5	EP		11-Feb-2010	Automatic blogging on state transition
804471	804471-JP-PCT	JP5389953	2011552483	JP	18-Oct-2013	11-Feb-2010	Automatic blogging on state transition
804471	804471-KR-PCT	KR1322677	1020117023255	KR	22-Oct-2013	13-Feb-2010	Automatic blogging on state transition
804471	804471-US-PCT	US8930488	13/253387	US	6-Jan-2015	11-Feb-2010	Automatic blogging on state transition
804471	804471-FP-EPA		09290749.2	EP		30-Sep-2009	Flow Database With Cache Mechanism For Packet-Switch Linecards
804527	804527-JP-PCT	JP5514913	20125131426	JP	4-Apr-2014	30-Sep-2010	Flow Database With Cache Mechanism For Packet-Switch Linecards
804527	804527-US-PCT	US8253093	13/387583	US	2-Feb-2016	30-Sep-2010	Flow Database With Cache Mechanism For Packet-Switch Linecards
804527	804527-KR-PCT	KR1407743	20127011201	KR	9-Jun-2014	30-Sep-2010	Flow Database With Cache Mechanism For Packet-Switch Linecards
804527	804527-CN-PCT	201080043139.4	201080043139.4	CN	2-Dec-2015	30-Sep-2010	Flow Database With Cache Mechanism For Packet-Switch Linecards
804652	804652-FP-EPA		09305682.8	EP		17-Jul-2009	Speed Dialing Cloud
804652	804652-IN-PCT	I-01/CHENP2012		IN		29-Jun-2010	Speed Dialing Cloud
804652	804652-KR-PCT	KR101330014	20127004058	KR	11-Nov-2013	29-Jun-2010	Speed Dialing Cloud

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Famity	Case Reference	Patent Number	Application Number	Country	Grant Date	Application Date	Title
804819	804819-IN-PCT		3666/CHENP/2012	IN	15-Oct-2010	Automatic User Interface Experimentation	
804819	804819-JP-PCT	JP5655616	2012535733	JP	24-Oct-2014	15-Oct-2010	Automatic User Interface Experimentation
804819	804819-CN-PCT	ZL201080049062.1	201080049062.1	CN	25-Nov-2015	15-Oct-2010	Automatic User Interface Experimentation
805109	805109-US-NP	US8274902	12462965	US	25-Sep-2012	12-Aug-2009	Wireless Data Network Tomography: Infer Per Wireless Hop Packet Loss From One Observation Point.
805109	805109-TW-NP	TW1505725	99126490	TW	21-Oct-2015	9-Aug-2010	Wireless Data Network Tomography: Infer Per Wireless Hop Packet Loss From One Observation Point.
805109	805109-CN-PCT	ZL201080035242.4	201080035242.4	CN	21-Sep-2016	2-Aug-2010	Wireless Data Network Tomography: Infer Per Wireless Hop Packet Loss From One Observation Point.
805109	805109-EU-EPT	EP2465283	10742959.9	EP	2-Aug-2017	2-Aug-2010	Wireless Data Network Tomography: Infer Per Wireless Hop Packet Loss From One Observation Point.
805109	805109-JP-PCT	JP5894245	2014228194	JP	4-Mar-2016	2-Aug-2010	Wireless Data Network Tomography: Infer Per Wireless Hop Packet Loss From One Observation Point.
805109	805109-FR-EPT	EP2465283	10742959.9	FR	2-Aug-2017	2-Aug-2010	Wireless Data Network Tomography: Infer Per Wireless Hop Packet Loss From One Observation Point.
805109	805109-DE-EPT	EP2465283	10742959.9	DE	2-Aug-2017	2-Aug-2010	Wireless Data Network Tomography: Infer Per Wireless Hop Packet Loss From One Observation Point.
805109	805109-IT-EPT	EP2465283	10742959.9	IT	2-Aug-2017	2-Aug-2010	Wireless Data Network Tomography: Infer Per Wireless Hop Packet Loss From One Observation Point.
805109	805109-NL-EPT	EP2465283	10742959.9	NL	2-Aug-2017	2-Aug-2010	Wireless Data Network Tomography: Infer Per Wireless Hop Packet Loss From One Observation Point.
805109	805109-ES-EPT	EP2465283	10742959.9	ES	2-Aug-2017	2-Aug-2010	Wireless Data Network Tomography: Infer Per Wireless Hop Packet Loss From One Observation Point.
805109	805109-GB-EPT	EP2465283	10742959.9	GB	2-Aug-2017	2-Aug-2010	Wireless Data Network Tomography: Infer Per Wireless Hop Packet Loss From One Observation Point.
805286	805286-CN-PCT	ZL201080025895.4	201080025895.4	CN	20-Jan-2016	6-May-2010	Point-to-multipoint downstream encapsulation organization allowing for intermittent listening and FEC
805286	805286-IN-PCT		9029/CHENP/2011	IN		6-May-2010	Point-to-multipoint downstream encapsulation organization allowing for intermittent listening and FEC
805286	805286-JP-PCT	JP5420753	2012-514406	JP	13-Dec-2013	6-May-2010	Point-to-multipoint downstream encapsulation organization allowing for intermittent listening and FEC
805286	805286-KR-PCT	KR1435415	10-2011-7029364	KR	22-Aug-2014	6-May-2010	Point-to-multipoint downstream encapsulation organization allowing for intermittent listening and FEC
805286	805286-US-PCT	US8787409	13/322181	US	22-Jul-2014	6-May-2010	Point-to-multipoint downstream encapsulation organization allowing for intermittent listening and FEC
805310	805310-US-NP	US8560137	12794177	US	15-Oct-2013	4-Jun-2010	High-Voltage Step-Charge Control For Use In Network-Powered Applications
805349	805349-FR-NP	FR2947358	0903121	FR	15-Feb-2013	26-Jun-2009	A method and tool for user's Web navigation enrichment with social networks contents using data mining techniques.
805349	805349-CN-PCT		201080036161.6	CN		12-May-2010	A method and tool for user's Web navigation enrichment with social networks contents using data mining techniques.
805349	805349-EP-EPT		10721464.5	EP		12-May-2010	A method and tool for user's Web navigation enrichment with social networks contents using data mining techniques.
805349	805349-IN-PCT		360/CHENP/2012	IN		12-May-2010	A method and tool for user's Web navigation enrichment with social networks contents using data mining techniques.
805349	805349-JP-PCT	JP5538532	2012516603	JP	9-May-2014	12-May-2010	A method and tool for user's Web navigation enrichment with social networks contents using data mining techniques.

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805349	805349-KR-PCT	KR1322679	20127001747	KR	22-Oct-2013	12-May-2010	A method and tool for user's Web navigation enrichment with social networks contents using data mining techniques.
805419	805419-KR-PCT	KR101418270	10-2012-7016075	KR	4-Jul-2014	23-Nov-2010	Method to Allow Automatic Software Installation on the Sensor Abstraction Layer with the Use of SensorML.
805419	805419-GB-EPA	EP2328325	09306144.8	GB	8-Jan-2014	26-Nov-2009	Method to Allow Automatic Software Installation on the Sensor Abstraction Layer with the Use of SensorML.
805419	805419-FR-EPA	EP2328325	09306144.8	FR	8-Jan-2014	26-Nov-2009	Method to Allow Automatic Software Installation on the Sensor Abstraction Layer with the Use of SensorML.
805419	805419-DE-EPA	EP2328325	09306144.8	DE	8-Jan-2014	26-Nov-2009	Method to Allow Automatic Software Installation on the Sensor Abstraction Layer with the Use of SensorML.
805419	805419-IP-PCT	JP5599896	2012-540399	JP	22-Aug-2014	23-Nov-2010	Method to Allow Automatic Software Installation on the Sensor Abstraction Layer with the Use of SensorML.
805441	805441-US-NP	US8493856	12/642380	US	23-Jul-2013	18-Dec-2009	Energy Efficiency With Rate Adaptation
805441	805441-KR-PCT	KR101353818	20127015641	KR	14-Jan-2014	23-Nov-2010	Energy Efficiency With Rate Adaptation
805441	805441-CN-PCT	ZL201080057423.7	201080057423.7	CN	10-Feb-2016	23-Nov-2010	Energy Efficiency With Rate Adaptation
805441	805441-EP-EPT	EP2514149	10782792.5	EP	4-Jan-2017	23-Nov-2010	Energy Efficiency With Rate Adaptation
805441	805441-FR-EPT	EP2514149	10782792.5	FR	4-Jan-2017	23-Nov-2010	Energy Efficiency With Rate Adaptation
805441	805441-DE-EPT	EP2514149	10782792.5	DE	4-Jan-2017	23-Nov-2010	Energy Efficiency With Rate Adaptation
805441	805441-GB-EPT	EP2514149	10782792.5	GB	4-Jan-2017	23-Nov-2010	Energy Efficiency With Rate Adaptation
805441	805441-JP-PCT	JP569177	2012544555	JP	5-Sep-2014	23-Nov-2010	Energy Efficiency With Rate Adaptation
805516	805516-EP-IPA		09360038.5	EP		12-Aug-2009	Time & Frequency Scheduling Information Reporting Scheme For DC-HSUPA
805516	805516-CN-PCT	ZL2010800420652	2010800420652	CN	27-Jan-2016	22-Jul-2010	Time & Frequency Scheduling Information Reporting Scheme For DC-HSUPA
805516	805516-IP-PCT	JP5506927	2012524125	JP	28-Mar-2014	22-Jul-2010	Time & Frequency Scheduling Information Reporting Scheme For DC-HSUPA
805516	805516-KR-PCT	KR10-1343309	20127006132	KR	13-Dec-2013	22-Jul-2010	Time & Frequency Scheduling Information Reporting Scheme For DC-HSUPA
805516	805516-US-PCT	US8994665	13/389743	US	24-Feb-2015	22-Jul-2010	Time & Frequency Scheduling Information Reporting Scheme For DC-HSUPA
805520	805520-CN-PCT	ZL201080056317.7	201080056317.7	CN	6-Jul-2016	1-Dec-2010	Method And Apparatus For Decomposing A Peer-To-Peer Network And Using A Decomposed Peer-To-Peer Network
805520	805520-IN-PCT	5169/CHENP/2012	IN			1-Dec-2010	Method And Apparatus For Decomposing A Peer-To-Peer Network And Using A Decomposed Peer-To-Peer Network
805520	805520-IP-PCT	JP5551270	2012544577	JP	30-May-2014	1-Dec-2010	Method And Apparatus For Decomposing A Peer-To-Peer Network And Using A Decomposed Peer-To-Peer Network
805520	805520-KR-PCT	KR101481874	20127015634	KR	6-Jan-2015	1-Dec-2010	Method And Apparatus For Decomposing A Peer-To-Peer Network And Using A Decomposed Peer-To-Peer Network
805520	805520-FR-EPT	EP2514174	10791019.2	FR	3-Sep-2014	1-Dec-2010	Method And Apparatus For Decomposing A Peer-To-Peer Network And Using A Decomposed Peer-To-Peer Network
805520	805520-DE-EPT	EP2514174	10791019.2	DE	3-Sep-2014	1-Dec-2010	Method And Apparatus For Decomposing A Peer-To-Peer Network And Using A Decomposed Peer-To-Peer Network
805520	805520-GB-EPT	EP2514174	10791019.2	GB	3-Sep-2014	1-Dec-2010	Method And Apparatus For Decomposing A Peer-To-Peer Network And Using A Decomposed Peer-To-Peer Network
805547	805547-EP-EPT		10785282.4	EP		23-Nov-2010	Group Session Management And Admission Control With Multiple Internet Protocol Flows

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805547	805547-JP-PCT	JP5559357	2012544556	JP	13-Jun-2014	23-Nov-2010	Group Session Management And Admission Control With Multiple Internet Protocol Flows
805642	805642-JP-EPT	EP2526670	11701379.7	FR	4-Mar-2015	18-Jan-2011	A consolidated DNS cache reply to avoid DNS cache poisoning
805642	805642-DE-EPT	EP2526670	11701379.7	DE	4-Mar-2015	18-Jan-2011	A consolidated DNS cache reply to avoid DNS cache poisoning
805642	805642-GB-EPT	EP2526670	11701379.7	GB	4-Mar-2015	18-Jan-2011	A consolidated DNS cache reply to avoid DNS cache poisoning
805642	805642-JP-PCT	JP5499183	2012549338	JP	14-Mar-2014	18-Jan-2011	A consolidated DNS cache reply to avoid DNS cache poisoning
805978	805978-CN-PCT	ZL201080061619.3	201080061619.3	CN	3-Feb-2016	18-Jan-2010	SIP INTERFACE FOR TEXT,VIDEO RECORDING VIA INAP
805978	805978-JP-PCT	JP5650758	2012548485	JP	21-Nov-2014	18-Jan-2010	SIP INTERFACE FOR TEXT,VIDEO RECORDING VIA INAP
805978	805978-KR-PCT	KR1427497	20127021580	KR	31-Jul-2014	18-Jan-2010	SIP INTERFACE FOR TEXT,VIDEO RECORDING VIA INAP
806114	806114-US-NP	US9241032	11598113	US	19-Jan-2016	8-Nov-2006	Network and method of transferring data over the network by nodes sending messages containin a subset of list of data available at the node
806114	806114-IL-PCT	IL197008	197008	IL	29-May-2013	10-Aug-2007	Network and method of transferring data over the nework by nodes sending messages containin a subset of list of data available at the node
806114	806114-EP-EPT		07801606.0	EP		10-Aug-2007	Network and method of transferring data over the network by nodes sending messages containin a subset of list of data available at the node
806117	806117-US-NP	US8244867	11598114	US	14-Aug-2012	8-Nov-2006	Selecting a download cache for digital data
806117	806117-IL-PCT	IL197009	197009	IL	29-May-2013	10-Aug-2007	Selecting a download cache for digital data
806287	806287-CN-PCT	ZL201180032219.4	201180032219.4	CN	3-Feb-2016	24-Jun-2011	Method And Apparatus For Managing Video Content □
806287	806287-EP-EPT		11760825.7	EP		24-Jun-2011	Method And Apparatus For Managing Video Content □
806287	806287-JP-PCT	JP5491678	2013-517567	JP	7-Mar-2014	24-Jun-2011	Method And Apparatus For Managing Video Content □
806287	806287-KR-PCT	KR10-1435738	20127034204	KR	22-Aug-2014	24-Jun-2011	Method And Apparatus For Managing Video Content □
806458	806458-JP-PCT	JP5749746	2012554426	JP	22-May-2015	22-Feb-2010	Call Attempt Notification during Barring(CANB)
806458	806458-KR-PCT	KR1410711	20127021681	KR	17-Jun-2014	22-Feb-2010	Call Attempt Notification during Barring(CANB)
806533	806533-US-NP	US8566468	12778251	US	22-Oct-2013	12-May-2010	Extensible Data Driven Message Validation
806623	806623-US-NP	US8340105	12642314	US	25-Dec-2012	18-Dec-2009	Coordination Independent Rate Adaptation Deployment Methods And Systems
806623	806623-EP-EPT		10795499.2	EP		30-Nov-2010	Coordination Independent Rate Adaptation Deployment Methods And Systems
806623	806623-JP-PCT	JP5648067	201254566	JP	14-Nov-2014	30-Nov-2010	Coordination Independent Rate Adaptation Deployment Methods And Systems
806698	806698-US-NP	US8369827	12794100	US	5-Feb-2013	4-Jun-2010	Method of Determining A Unique Subscriber From An Arbitrary Set Of Subscriber Identifiers

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Family	Case Reference	Patent Number	Application Number	Country	Grant Date	Application Date	Title
806700	806700-US-NP	US8954565	12823759	US	10-Feb-2015	25-Jun-2010	Method And System For Determining A PCC Rule Waiting For Further Action
806709	806709-EP-EPA		10290003.2	EP		7-Jan-2010	OCS-PCEF-PCRF interfaces enhancements for Qos-oriented instructions communication
806709	806709-CN-PCT	ZL201180005614.3	201180005614.3	CN	10-Feb-2016	5-Jan-2011	OCS-PCEF-PCRF interfaces enhancements for Qos-oriented instructions communication
806709	806709-IN-PCT		5175/CHENP/2012	IN		5-Jan-2011	OCS-PCEF-PCRF interfaces enhancements for Qos-oriented instructions communication
806709	806709-JP-PCT	JP5755248	2012547506	JP	5-Jun-2015	5-Jan-2011	OCS-PCEF-PCRF interfaces enhancements for Qos-oriented instructions communication
806709	806709-KR-PCT	KR1368709	20127020460	KR	24-Feb-2014	5-Jan-2011	OCS-PCEF-PCRF interfaces enhancements for Qos-oriented instructions communication
806800	806800-US-NP	US8640180	12923592	US	28-Jan-2014	29-Sep-2010	Apparatus And Method For Client-Side Compositing Of Video Streams
806800	806800-EP-EPT		11768193.2	EP		15-Sep-2011	Apparatus And Method For Client-Side Compositing Of Video Streams
806800	806800-JP-PCD		201570894	JP		15-Sep-2011	Apparatus And Method For Client-Side Compositing Of Video Streams
806800	806800-CN-PCT		201180053863.X	CN		15-Sep-2011	Apparatus And Method For Client-Side Compositing Of Video Streams
806800	806800-KR-PCT	KR101445991	20137008233	KR	23-Sep-2014	15-Sep-2011	Apparatus And Method For Client-Side Compositing Of Video Streams
806957	806957-KR-PCT	KR101502250	20137004259	KR	6-Mar-2015	5-Jul-2011	An Extension To SDP For DiffServ Tagging
806957	806957-US-PCT	US93306859	13813826	US	5-Apr-2016	5-Jul-2011	An Extension To SDP For DiffServ Tagging
806957	806957-EP-EPT		11743092.6	EP		5-Jul-2011	An Extension To SDP For DiffServ Tagging
806957	806957-JP-PCT	JP5941914	2013524467	JP	27-May-2016	5-Jul-2011	An Extension To SDP For DiffServ Tagging
806957	806957-TR-NP	FR23964001	1056685	FR	8-Feb-2013	20-Aug-2010	An Extension To SDP For DiffServ Tagging
807043	807043-EP-EPA	EP2372836	10360014.4	EP	3-May-2017	18-Mar-2010	Method For Calibration Of Phased Antenna Arrays
807043	807043-BR-PCT		112012023547.8	BR		1-Mar-2011	Method For Calibration Of Phased Antenna Arrays
807043	807043-CN-PCT	ZL201180013094.0	201180013094.0	CN	6-Jan-2016	1-Mar-2011	Method For Calibration Of Phased Antenna Arrays
807043	807043-JP-PCT	JP5718950	2012557431	JP	27-Mar-2015	1-Mar-2011	Method For Calibration Of Phased Antenna Arrays
807043	807043-KR-PCT	KR101498519	20127026935	KR	26-Feb-2015	1-Mar-2011	Method For Calibration Of Phased Antenna Arrays
807043	807043-US-PCT	US9113346	134635840	US	18-Aug-2015	1-Mar-2011	Method For Calibration Of Phased Antenna Arrays
807043	807043-FR-EPA	EP2372836	10360014.4	FR	3-May-2017	18-Mar-2010	Method For Calibration Of Phased Antenna Arrays
807043	807043-DE-EPA	EP2372836	10360014.4	DE	3-May-2017	18-Mar-2010	Method For Calibration Of Phased Antenna Arrays
807043	807043-GB-EPA	EP2372836	10360014.4	GB	3-May-2017	18-Mar-2010	Method For Calibration Of Phased Antenna Arrays
807043	807043-TW-NP	TW4451704	100105569	TW	1-Sep-2014	14-Mar-2011	Method For Calibration Of Phased Antenna Arrays
807101	807101-US-NP	US8626854	13007885	US	7-Jan-2014	17-Jan-2011	Traffic Localization In Peer-To-Peer Networks
807101	807101-KR-PCT	KR101481927	20137018232	KR	6-Jan-2015	10-Jan-2012	Traffic Localization In Peer-To-Peer Networks
807101	807101-EP-PCT		12701570.9	EP		10-Jan-2012	Traffic Localization In Peer-To-Peer Networks

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807101	807101-IN-PCT	5575/CHENP/2013	IN		10-Jan-2012	Traffic Localization In Peer-To-Peer Networks	
807101	807101-JP-PCT	JP5798638	2013549492	JP	28-Aug-2015	10-Jan-2012	Traffic Localization In Peer-To-Peer Networks
807170	807170-EP-EPA		10360018.5	EP		6-Apr-2010	NB DTx With Legacy UE Mobility Support
807170	807170-TW-NP	TW1472247	100111265	TW	1-Feb-2015	31-Mar-2011	NB DTx With Legacy UE Mobility Support
807170	807170-EE-RCT		112012025813.7	BR		3-Mar-2011	NB DTx With Legacy UE Mobility Support
807170	807170-CN-PCT	ZL201180017735.X	201180017735.X	CN	5-Aug-2015	3-Mar-2011	NB DTx With Legacy UE Mobility Support
807170	807170-IN-PCT		8411/CHENP/2012	IN		3-Mar-2011	NB DTx With Legacy UE Mobility Support
807170	807170-IP-PCT	JP5579319	2013503020	JP	18-Jul-2014	3-Mar-2011	NB DTx With Legacy UE Mobility Support
807170	807170-KR-PCT	KR10-1407462	20127025930	KR	9-Jun-2014	3-Mar-2011	NB DTx With Legacy UE Mobility Support
807170	807170-US-I-PCT	US9191864	13639275	US	17-Nov-2015	3-Mar-2011	NB DTx With Legacy UE Mobility Support
807256	807256-CN-PCT	ZL201180032731.9	201180032731.9	CN	29-Jul-2015	31-May-2011	Simple network coding scheme
807256	807256-IN-PCT		747/CHENP/2013	IN		31-May-2011	Simple network coding scheme
807256	807256-JP-PCT	JP563429	2013522146	JP	7-Nov-2014	31-May-2011	Simple network coding scheme
807256	807256-KR-PCT	KR101409733	10-2013-7002548	KR	13-Jun-2014	31-May-2011	Simple network coding scheme
807256	807256-US-PCT	US9219577	138131562	US	22-Dec-2015	31-May-2011	Simple network coding scheme
807256	807256-EP-EPA	EP2416518	10305854.1	FR	2-Jan-2013	2-Aug-2010	Simple network coding scheme
807256	807256-DE-EPA	EP2416518	10305854.1	DE	2-Jan-2013	2-Aug-2010	Simple network coding scheme
807256	807256-GB-EPA	EP2416518	10305854.1	GB	2-Jan-2013	2-Aug-2010	Simple network coding scheme
807256	807256-JP-PCD	JP5847246	2014139237	JP	4-Dec-2015	31-May-2011	Simple network coding scheme
807483	807483-CN-PCT	ZL201180050047.3	201180050047.3	CN	2-Mar-2016	6-Sep-2011	Augmented Reality for Nomadic Monitoring of Call Center Agents.
807483	807483-IN-PCT		2006/DELNP/2013	IN		6-Sep-2011	Augmented Reality for Nomadic Monitoring of Call Center Agents.
807483	807483-IP-PCT	JP5538631	2013527579	JP	9-May-2014	6-Sep-2011	Augmented Reality for Nomadic Monitoring of Call Center Agents.
807483	807483-US-PCT	US88811591	13821068	US	19-Aug-2014	6-Sep-2011	Augmented Reality for Nomadic Monitoring of Call Center Agents.
807483	807483-KR-PCT	KR101451123	1020137008626	KR	8-Oct-2014	6-Sep-2011	Augmented Reality for Nomadic Monitoring of Call Center Agents.
807483	807483-FR-EPT	EP2614661	11754865.1	FR	30-Apr-2014	6-Sep-2011	Augmented Reality for Nomadic Monitoring of Call Center Agents.
807483	807483-DE-EPT	EP2614661	11754865.1	DE	30-Apr-2014	6-Sep-2011	Augmented Reality for Nomadic Monitoring of Call Center Agents.
807483	807483-GB-EPT	EP2614661	11754865.1	GB	30-Apr-2014	6-Sep-2011	Augmented Reality for Nomadic Monitoring of Call Center Agents.
807508	807508-KR-PCT	KR101510090	20137008441	KR	2-Apr-2015	15-Aug-2011	Downlink Intercell Interference Coordination For Heterogeneous Networks
807508	807508-FR-EPA	EP2429249	10290488.5	FR	17-Oct-2012	14-Sep-2010	Downlink Intercell Interference Coordination For Heterogeneous Networks
807508	807508-DE-EPA	EP2429249	10290488.5	DE	17-Oct-2012	14-Sep-2010	Downlink Intercell Interference Coordination For Heterogeneous Networks

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807508	807508-GB-EPA	EP2429249	10290488.5	GB	17-Oct-2012	14-Sep-2010	Downlink Intercell Interference Coordination For Heterogeneous Networks
807614	807614-IN-NP		3553/CHE2010	IN		24-Nov-2010	Dynamic detection of configuration mismatch on 803.AD enabled Linkagg ports.
807670	807670-US-PCT		13703776	US		6-Jun-2011	HS-SCCH Group Broadcast order For 4C-HSDPA
807670	807670-FR-EPA	EP2398177	10360028.4	FR	20-Mar-2013	21-Jun-2010	HS-SCCH Group Broadcast order For 4C-HSDPA
807670	807670-DE-EPA	EP2398177	10360028.4	DE	20-Mar-2013	21-Jun-2010	HS-SCCH Group Broadcast order For 4C-HSDPA
807670	807670-GB-EPA	EP2398177	10360028.4	GB	20-Mar-2013	21-Jun-2010	HS-SCCH Group Broadcast order For 4C-HSDPA
807670	807670-BR-PCT		112012033021.7	BR		6-Jun-2011	HS-SCCH Group Broadcast order For 4C-HSDPA
807670	807670-CN-PCT	ZL201180028433.2	201180028433.2	CN	20-Jan-2016	6-Jun-2011	HS-SCCH Group Broadcast order For 4C-HSDPA
807670	807670-IN-PCT		10500/CHENP/2012	IN		6-Jun-2011	HS-SCCH Group Broadcast order For 4C-HSDPA
807670	807670-JP-PCT	JP5450896	20131514572	JP	10-Jan-2014	6-Jun-2011	HS-SCCH Group Broadcast order For 4C-HSDPA
807670	807670-RU-PCT	RU2575386	2013102541	RU	21-Jan-2016	6-Jun-2011	HS-SCCH Group Broadcast order For 4C-HSDPA
807670	807670-KR-PCT	KR101459354	20127033047	KR	3-Nov-2014	6-Jun-2011	HS-SCCH Group Broadcast order For 4C-HSDPA
807711	807711-CN-PCT	ZL201180043252.7	201180043252.7	CN	3-Jun-2015	1-Aug-2011	Loss Measurement In Distributed-Architecture NE With Multi Packet-Processor LAG UNI
807711	807711-JP-PCT	JP5696217	2013527519	JP	13-Feb-2015	1-Aug-2011	Loss Measurement In Distributed-Architecture NE With Multi Packet-Processor LAG UNI
807711	807711-KR-PCT	KR10-1420178	10-2013-7008517	KR	10-Jul-2014	1-Aug-2011	Loss Measurement In Distributed-Architecture NE With Multi Packet-Processor LAG UNI
807711	807711-US-PCT	US8867398	138/12936	US	21-Oct-2014	1-Aug-2011	Loss Measurement In Distributed-Architecture NE With Multi Packet-Processor LAG UNI
807711	807711-FR-EPA	EP2429127	10305975.4	FR	19-Jun-2013	10-Sep-2010	Loss Measurement In Distributed-Architecture NE With Multi Packet-Processor LAG UNI
807711	807711-DE-EPA	EP2429127	10305975.4	DE	19-Jun-2013	10-Sep-2010	Loss Measurement In Distributed-Architecture NE With Multi Packet-Processor LAG UNI
807711	807711-GB-EPA	EP2429127	10305975.4	GB	19-Jun-2013	10-Sep-2010	Loss Measurement In Distributed-Architecture NE With Multi Packet-Processor LAG UNI
807723	807723-JP-PCT	JP5705313	2013517054	JP	6-Mar-2015	6-Jun-2011	Fast Uplink Order/Request
807723	807723-RU-PCT	RU2529553	2013103509	RU	27-Sep-2014	6-Jun-2011	Fast Uplink Order/Request
807723	807723-KR-PCT	KR10-1464956	20127033296	KR	19-Nov-2014	6-Jun-2011	Fast Uplink Order/Request
807723	807723-BR-PCT		112012033023.3	BR		6-Jun-2011	Fast Uplink Order/Request
807723	807723-CN-PCT	ZL201180032151.X	201180032151.X	CN	23-Jun-2017	6-Jun-2011	Fast Uplink Order/Request
807723	807723-IN-PCT		10734/CHENP/2012	IN		6-Jun-2011	Fast Uplink Order/Request
807792	807792-EP-EPT		11771314.9	EP		29-Sep-2011	Core Abstraction Layer For Telecommunication Network Applications
807792	807792-JP-PCT	JP5759006	2013533873	JP	12-Jun-2015	29-Sep-2011	Core Abstraction Layer For Telecommunication Network Applications
807792	807792-KR-PCT	KR101636308	20137009399	KR	29-Jun-2016	29-Sep-2011	Core Abstraction Layer For Telecommunication Network Applications

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807792	807792-CN-PCT	ZL201180048838.2	201180048838.2	CN	3-Aug-2016	29-Sep-2011	Core Abstraction Layer For Telecommunication Network Applications □
807805	807805-FR-NP		1055576	FR		8-Jul-2010	Provider Confidential ALTO (Application Layer Traffic Optimization)
807805	807805-CN-PCT	ZL201180033525.X	201180033525.X	CN	27-Apr-2016	27-Jun-2011	Provider Confidential ALTO (Application Layer Traffic Optimization)
807805	807805-EP-EPT		11741475.5	EP		27-Jun-2011	Provider Confidential ALTO (Application Layer Traffic Optimization)
807805	807805-JP-PCT	JP5726302	2013517446	JP	10-Apr-2015	27-Jun-2011	Provider Confidential ALTO (Application Layer Traffic Optimization)
807805	807805-US-PCT	US9124586	13/805746	US	1-Sep-2015	27-Jun-2011	Provider Confidential ALTO (Application Layer Traffic Optimization)
807805	807805-KR-PCT	KR101445047	20137000336	KR	19-Sep-2014	27-Jun-2011	Provider Confidential ALTO (Application Layer Traffic Optimization)
807821	807821-US-NP	US92288667	13/150321	US	15-Mar-2016	1-Jun-2011	Allocating Network Identifiers To Access Terminals
807821	807821-BR-PCT		112012033024-1	BR		17-Jun-2011	Allocating Network Identifiers To Access Terminals
807821	807821-KR-PCT	KR101496202	20127033060	KR	17-Feb-2015	17-Jun-2011	Allocating Network Identifiers To Access Terminals
807821	807821-CN-PCT	ZL201180030569.7	201180030569.7	CN	24-Aug-2016	17-Jun-2011	Allocating Network Identifiers To Access Terminals
807821	807821-EP-EPT	EP2583478	11728141.0	EP	9-Aug-2017	17-Jun-2011	Allocating Network Identifiers To Access Terminals
807821	807821-IN-PCT		10447/CHENP/2012	IN		17-Jun-2011	Allocating Network Identifiers To Access Terminals
807821	807821-JP-PCT	JP5814359	2013516627	JP	2-Oct-2015	17-Jun-2011	Allocating Network Identifiers To Access Terminals
807821	807821-FR-EPT	EP2583478	11728141.0	FR	9-Aug-2017	17-Jun-2011	Allocating Network Identifiers To Access Terminals
807821	807821-DE-EPT	EP2583478	11728141.0	DE	9-Aug-2017	17-Jun-2011	Allocating Network Identifiers To Access Terminals
807821	807821-GB-EPT	EP2583478	11728141.0	GB	9-Aug-2017	17-Jun-2011	Allocating Network Identifiers To Access Terminals
807849	807849-TW-NP	TW2475838	100143651	TW	1-Mar-2015	26-Dec-2011	Prioritizing And Mapping Channel State Information To Coding And Modulation Hierarchies
807849	807849-BR-PCT		112013018272.5	BR		16-Dec-2011	Prioritizing And Mapping Channel State Information To Coding And Modulation Hierarchies
807849	807849-IN-PCT		5647/CHENP/2013	IN		16-Dec-2011	Prioritizing And Mapping Channel State Information To Coding And Modulation Hierarchies
807849	807849-JP-PCT	JP5785270	2013-529746	JP	31-Jul-2015	16-Dec-2011	Prioritizing And Mapping Channel State Information To Coding And Modulation Hierarchies
807849	807849-US-PCT	US9231746	13/980423	US	5-Jan-2016	16-Dec-2011	Prioritizing And Mapping Channel State Information To Coding And Modulation Hierarchies
807849	807849-FR-EPA	EP2479914	11290037.8	FR	4-Mar-2015	21-Jan-2011	Prioritizing And Mapping Channel State Information To Coding And Modulation Hierarchies
807849	807849-DE-EPA	EP2479914	11290037.8	DE	4-Mar-2015	21-Jan-2011	Prioritizing And Mapping Channel State Information To Coding And Modulation Hierarchies
807849	807849-GB-EPA	EP2479914	11290037.8	GB	4-Mar-2015	21-Jan-2011	Prioritizing And Mapping Channel State Information To Coding And Modulation Hierarchies
807850	807850-EP-EPA		11290036.0	EP		21-Jan-2011	Method For Saving Channel Feedback Overhead By Exploitation Of Channel Codes
807850	807850-TW-NP	TW491199	100143652	TW	1-Jul-2015	26-Dec-2011	Method For Saving Channel Feedback Overhead By Exploitation Of Channel Codes

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807915	807915-CN-PCT	ZL201280017553.7	201280017553.7	CN	27-May-2015	11-Jan-2012	WB Echo: Computation saving based on the nature of wide band voice spectrum □
807915	807915-IN-PCT		8185/CHENP/2013	IN		11-Jan-2012	WB Echo: Computation saving based on the nature of wide band voice spectrum □
807915	807915-JP-PCT	JP5695268	2014504212	JP	13-Feb-2015	11-Jan-2012	WB Echo: Computation saving based on the nature of wide band voice spectrum □
807915	807915-US-PCT	US9143621	14007864	US	22-Sep-2015	11-Jan-2012	WB Echo: Computation saving based on the nature of wide band voice spectrum □
807915	807915-FR-EPA	EP2512040	11305441.5	FR	13-Nov-2013	14-Apr-2011	WB Echo: Computation saving based on the nature of wide band voice spectrum □
807915	807915-DE-EPA	EP2512040	11305441.5	DE	13-Nov-2013	14-Apr-2011	WB Echo: Computation saving based on the nature of wide band voice spectrum □
807915	807915-GB-EPA	EP2512040	11305441.5	GB	13-Nov-2013	14-Apr-2011	WB Echo: Computation saving based on the nature of wide band voice spectrum □
807915	807915-KR-PCT	KR101445999	20137026968	KR	23-Sep-2014	11-Jan-2012	WB Echo: Computation saving based on the nature of wide band voice spectrum □
807923	807923-KR-PCT	KR101530451	20137003033	KR	15-Jun-2015	4-Aug-2011	Egress Processing of Ingress VLAN ACLs
807923	807923-JP-PCT	JP5592012	2013523330	JP	8-Aug-2014	4-Aug-2011	Egress Processing of Ingress VLAN ACLs
807995	807995-CN-PCT	ZL2011800444261	2011800444261	CN	19-Oct-2016	2-Aug-2011	Transmit Power For Radio Link Failure Warning In 4G-HSDPA
807995	807995-IN-PCT		934/CHENP/2013	IN		2-Aug-2011	Transmit Power For Radio Link Failure Warning In 4G-HSDPA
807995	807995-JP-PCT	JP5575336	2013523521	JP	11-Jul-2014	2-Aug-2011	Transmit Power For Radio Link Failure Warning In 4G-HSDPA
807995	807995-KR-PCT	KR101581179	20137005214	KR	23-Dec-2015	2-Aug-2011	Transmit Power For Radio Link Failure Warning In 4G-HSDPA
807995	807995-US-PCT		13814828	US		2-Aug-2011	Transmit Power For Radio Link Failure Warning In 4G-HSDPA
807995	807995-FR-EPA	EP2418896	10360033.4	FR	13-Mar-2013	9-Aug-2010	Transmit Power For Radio Link Failure Warning In 4G-HSDPA
807995	807995-DE-EPA	EP2418896	10360033.4	DE	13-Mar-2013	9-Aug-2010	Transmit Power For Radio Link Failure Warning In 4G-HSDPA
807995	807995-GB-EPA	EP2418896	10360033.4	GB	13-Mar-2013	9-Aug-2010	Transmit Power For Radio Link Failure Warning In 4G-HSDPA
808004	808004-US-NP	US8692687	13050989	US	27-Jun-2017	18-Mar-2011	Methods And Apparatus For Rapid Rerouting Of LDP Packets
808004	808004-JP-PCT	JP5728595	2013558133	JP	10-Apr-2015	14-Mar-2012	Methods And Apparatus For Rapid Rerouting Of LDP Packets
808004	808004-KR-PCID		20157006920	KR	14-Mar-2012	Methods And Apparatus For Rapid Rerouting Of LDP Packets	

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808004	808004-GB-EPT	EP2686988	12710430.5	GB	30-Dec-2015	14-Mar-2012	Methods And Apparatus For Rapid Rerouting Of LDP Packets
808004	808004-FR-EPT	EP2686988	12710430.5	FR	30-Dec-2015	14-Mar-2012	Methods And Apparatus For Rapid Rerouting Of LDP Packets
808004	808004-DE-EPT	EP2686988	12710430.5	DE	30-Dec-2015	14-Mar-2012	Methods And Apparatus For Rapid Rerouting Of LDP Packets
808015	808015-IP-PCT	JP5865394	2013548808	JP	8-Jan-2016	9-Jan-2012	Predictive Peer Selection
808311	808311-US-PCT	US9306642	14005040	US	5-Apr-2016	17-Jan-2012	Predictive Channel State Feedback
808311	808311-FR-EPA	EP2501068	11290129.3	FR	10-Feb-2016	14-Mar-2011	Predictive Channel State Feedback
808311	808311-DE-EPA	EP2501068	11290129.3	DE	10-Feb-2016	14-Mar-2011	Predictive Channel State Feedback
808311	808311-GB-EPA	EP2501068	11290129.3	GB	10-Feb-2016	14-Mar-2011	Predictive Channel State Feedback
808327	808327-FR-NP	FR2975847	1154585	FR	17-May-2013	26-May-2011	Cross-publishers access control for strong enforcement of end-user contents' privacy
808327	808327-CN-PCT	ZL201280024617.6	201280024617.6	CN	29-Sep-2017	24-Apr-2012	Cross-publishers access control for strong enforcement of end-user contents' privacy
808327	808327-EP-EPT		12719321.7	EP		24-Apr-2012	Cross-publishers access control for strong enforcement of end-user contents' privacy
808327	808327-JP-PCT	JP5770369	2014511797	JP	3-Jul-2015	24-Apr-2012	Cross-publishers access control for strong enforcement of end-user contents' privacy
808362	808362-EP-EPA		10306424.2	EP		16-Dec-2010	Non-Cellular Mobile Network
808362	808362-TW-NP	TW1522001	100142018	TW	11-Feb-2016	17-Nov-2011	Non-Cellular Mobile Network
808362	808362-BR-PCT		112013013404.6	BR		9-Nov-2011	Non-Cellular Mobile Network
808362	808362-CN-PCT	ZL201180046221.7	201180046221.7	CN	4-Jul-2017	9-Nov-2011	Non-Cellular Mobile Network
808362	808362-IN-PCT		5493/CHE/NP/2013	IN		9-Nov-2011	Non-Cellular Mobile Network
808362	808362-JP-PCT	JP5819980	2013-5433595	JP	9-Oct-2015	9-Nov-2011	Non-Cellular Mobile Network
808362	808362-US-PCT	US9060290	13880652	US	16-Jun-2015	9-Nov-2011	Non-Cellular Mobile Network
808582	808582-US-NP	US9357514	13051071	US	31-May-2016	18-Mar-2011	Methods For Synchronizing Macro Cell And Small Cell Systems
808582	808582-JP-PCT	JP5726367	2014501140	JP	10-Apr-2015	13-Mar-2012	Methods For Synchronizing Macro Cell And Small Cell Systems
808660	808660-US-NP	USS797913	12945318	US	5-Aug-2014	12-Nov-2010	Reduction Of Message And Computational Overhead In Networks □
808660	808660-JP-PCT	JP5722455	2013538736	JP	3-Apr-2015	13-Oct-2011	Reduction Of Message And Computational Overhead In Networks □
808660	808660-KR-PCT	KR101463363	20137012156	KR	12-Nov-2014	13-Oct-2011	Reduction Of Message And Computational Overhead In Networks □
808660	808660-JP-PCD	JP5956006	201560455	JP	24-Jun-2016	13-Oct-2011	Reduction Of Message And Computational Overhead In Networks □
808858	808858-FR-EPA	EP2506470	11305345.8	FR	29-May-2013	29-Mar-2011	Distributed Network Boundary Clock (D/N-BC) system and implementation

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808858	808858-DE-EPA	EP2506470	11305345.8	DE	29-May-2013	29-Mar-2011	Distributed/Network Boundary Clock (D/N-BC) : system and implementation
808858	808858-GB-EPA	EP2506470	11305345.8	GB	29-May-2013	29-Mar-2011	Distributed/Network Boundary Clock (D/N-BC) : system and implementation
808858	808858-CN-PCT	ZL201280011404.X	201280011404.X	CN	13-Apr-2016	15-Mar-2012	Distributed/Network Boundary Clock (D/N-BC) : system and implementation
808858	808858-IN-PCT		5610/CHE/NP/2013	IN		15-Mar-2012	Distributed/Network Boundary Clock (D/N-BC) : system and implementation
808858	808858-JP-PCT	JP5792884	2014501523	JP	14-Aug-2015	15-Mar-2012	Distributed/Network Boundary Clock (D/N-BC) : system and implementation
808858	808858-KR-PCT	KR101506138	20137024853	KR	20-Mar-2015	15-Mar-2012	Distributed/Network Boundary Clock (D/N-BC) : system and implementation
808858	808858-US-PCT	US9548833	13/978660	US	17-Jan-2017	15-Mar-2012	Distributed/Network Boundary Clock (D/N-BC) : system and implementation
809031	809031-EP-EPA		11306550.2	EP		24-Nov-2011	Additive Coder With Zero Error Extraction Capability Supporting Distributed Conferences
809031	809031-US-PCT	US9401995	14/355451	US	26-Jul-2016	15-Nov-2012	Additive Coder With Zero Error Extraction Capability Supporting Distributed Conferences
809031	809031-JP-PCT	JP5881848	2014-542777	JP	12-Feb-2016	15-Nov-2012	Additive Coder With Zero Error Extraction Capability Supporting Distributed Conferences
809167	809167-US-NP	US8553691	13/027990	US	28-Jan-2014	15-Feb-2011	Partitioning Resources With Soft Reuse In A Wireless Network
809169	809169-US-NP		13/032298	US	8-Oct-2013	22-Feb-2011	An Efficient Multicast Implementation In Distributed Router And Switch Architectures
809169	809169-KR-PCT	KR101491397	20137022088	KR	2-Feb-2015	14-Feb-2012	An Efficient Multicast Implementation In Distributed Router And Switch Architectures
809287	809287-EP-EPT		12714912.8	EP		9-Apr-2012	Intelligent Presence Congestion Notification Service
809287	809287-JP-PCT	JP5727091	2014505200	JP	10-Apr-2015	9-Apr-2012	Intelligent Presence Congestion Notification Service
809326	809326-US-NP	US8989776	13/848377	US	24-Mar-2015	22-Mar-2013	Location Aggregation System
809338	809338-JP-PCT	JP5859129	2014531138	JP	25-Dec-2015	13-Jul-2012	Inter Operator SCP Integration - The concept of Master SCP for Extended Cross-Operator Features
809338	809338-KR-PCT	KR101573672	20147008265	KR	26-Nov-2015	13-Jul-2012	Inter Operator SCP Integration - The concept of Master SCP for Extended Cross-Operator Features
809365	809365-CN-PCT		201280054304.5	CN		25-Oct-2012	Privacy Management For Subscriber Data
809420	809420-EP-EPA		11360036.5	EP		10-Aug-2011	Indication of Cell Reselection for Mobility in Femto
809420	809420-CN-PCT	CN103718606B	201280039024.7	CN	29-Oct-2017	24-Jul-2012	Indication of Cell Reselection for Mobility in Femto
809420	809420-JP-PCT	JP5872040	2014524291	JP	22-Jan-2016	24-Jul-2012	Indication of Cell Reselection for Mobility in Femto
809420	809420-KR-PCT	KR101529540	20147003111	KR	11-Jun-2015	24-Jul-2012	Indication of Cell Reselection for Mobility in Femto
809503	809503-US-NP	US8675762	13/098693	US	18-Mar-2014	2-May-2011	Method Of Transforming Pre-Coded Signals For Multiple-InMultiple-Out Wireless Communication
809503	809503-KR-PCT	KR101521103	20137028677	KR	12-May-2015	30-Apr-2012	Method Of Transforming Pre-Coded Signals For Multiple-InMultiple-Out Wireless Communication
809503	809503-JP-PCT	JP5965033	201514773	JP	8-Jul-2016	30-Apr-2012	Method Of Transforming Pre-Coded Signals For Multiple-InMultiple-Out Wireless Communication

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809503	809503-CN-PCT		20128021241.3	CN		30-Apr-2012	Method Of Transforming Pre-Coded Signals For Multiple-In-Multiple-Out Wireless Communication
809503	809503-EP-EPT		12720358.6	EP		30-Apr-2012	Method Of Transforming Pre-Coded Signals For Multiple-In-Multiple-Out Wireless Communication
809503	809503-JP-PCT	JP5785323	2014509332	JP	31-Jul-2015	30-Apr-2012	Method Of Transforming Pre-Coded Signals For Multiple-In-Multiple-Out Wireless Communication
809509	809509-EP-EPA		11360021.7	EP		30-May-2011	Fast And Secure UE Identification For Cellular Sensors
809604	809604-IN-NP		1209/DE/L/2011	IN		25-Apr-2011	P3: A Privacy-Preserving-Personalization Middleware for recommendation-based services
809604	809604-CN-PCT		201280020488	CN		17-Apr-2012	P3: A Privacy-Preserving-Personalization Middleware for recommendation-based services
809604	809604-EP-EPT		12715384.9	EP		17-Apr-2012	P3: A Privacy-Preserving-Personalization Middleware for recommendation-based services
809828	809828-IP-PCT	JP5873927	2014527570	JP	22-Jan-2016	8-Aug-2012	A speech slowdown method for interactive audio communications.
809828	809828-KR-PCT	KR101556483	20147005388	KR	22-Sep-2015	8-Aug-2012	A speech slowdown method for interactive audio communications.
809828	809828-US-PCT		14/238602	US		8-Aug-2012	A speech slowdown method for interactive audio communications.
809828	809828-CN-PCT	ZL201280041871.7	201280041871.7	CN	20-Jan-2016	8-Aug-2012	A speech slowdown method for interactive audio communications.
809828	809828-FR-EPT	EP2751802	12743985.9	FR	1-Jul-2015	8-Aug-2012	A speech slowdown method for interactive audio communications.
809828	809828-DE-EPT	EP2751802	12743985.9	DE	1-Jul-2015	8-Aug-2012	A speech slowdown method for interactive audio communications.
809828	809828-GB-EPT	EP2751802	12743985.9	GB	1-Jul-2015	8-Aug-2012	A speech slowdown method for interactive audio communications.
809913	809913-EU-EPA		11360024.1	EP		16-Jun-2011	RoHC Context Space Preservation And Management
809922	809922-EP-EPA		11290397.6	EP		6-Sep-2011	PCI Allocation And Handover For Mobile LTE Relay Communication
809922	809922-IP-PCT	JP5859127	2014-528914	JP	25-Dec-2015	26-Jul-2012	PCI Allocation And Handover For Mobile LTE Relay Communication
809922	809922-KR-PCT	KR10-1547883	10-2014-7004491	KR	21-Aug-2015	26-Jul-2012	PCI Allocation And Handover For Mobile LTE Relay Communication
809922	809922-US-PCT	US93326225	14/343140	US	26-Apr-2016	26-Jul-2012	PCI Allocation And Handover For Mobile LTE Relay Communication
809922	809922-CN-PCT	ZL201280043387.8	201280043387.8	CN	25-Aug-2017	26-Jul-2012	PCI Allocation And Handover For Mobile LTE Relay Communication
810118	810118-US-NP	US8856585	13/192482	US	7-Oct-2014	1-Aug-2011	PCI Allocation And Handover For Mobile LTE Relay Communication
810118	810118-CN-PCT	ZL201280037746.9	201280037746.9	CN	5-Apr-2017	27-Jun-2012	Hardware Failure Mitigation
810118	810118-EP-EPT		12737038.6	EP		27-Jun-2012	Hardware Failure Mitigation
810118	810118-KR-PCT	KR101504882	20147002386	KR	16-Mar-2015	27-Jun-2012	Hardware Failure Mitigation
810142	810142-TW-NP	TW2461007	101125253	TW	11-Nov-2014	6-Aug-2012	Uplink Interference Management Via Grant Broadcast
810142	810142-CN-PCT	ZL201280038783.1	201280038783.1	CN	28-Jul-2017	24-Jul-2012	Uplink Interference Management Via Grant Broadcast

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810142	810142-US-PCT	US9332506	14/237732	US	3-May-2016	24-Jul-2012	Uplink Interference Management Via Grant Broadcast
810142	810142-FR-EPA	EP2557863	11306031.3	FR	16-Oct-2013	10-Aug-2011	Uplink Interference Management Via Grant Broadcast
810142	810142-DE-EPA	EP2557863	11306031.3	DE	16-Oct-2013	10-Aug-2011	Uplink Interference Management Via Grant Broadcast
810142	810142-GB-EPA	EP2557863	11306031.3	GB	16-Oct-2013	10-Aug-2011	Uplink Interference Management Via Grant Broadcast
810149	810149-US-NP	US85909780	13/212897	US	13-Aug-2013	18-Aug-2011	Optimization Of LTE Small Cell Coverage To Minimize Unnecessary Handovers
810149	810149-CN-PCT		201280040038.0	CN		13-Aug-2012	Optimization Of LTE Small Cell Coverage To Minimize Unnecessary Handovers
810149	810149-EP-EPT		12751219.2	EP		13-Aug-2012	Optimization Of LTE Small Cell Coverage To Minimize Unnecessary Handovers
810149	810149-JP-PCT	JP6059226	2014526110	JP	16-Dec-2016	13-Aug-2012	Optimization Of LTE Small Cell Coverage To Minimize Unnecessary Handovers
810149	810149-KR-PCT	KR101539215	20147003797	KR	20-Jul-2015	13-Aug-2012	Optimization Of LTE Small Cell Coverage To Minimize Unnecessary Handovers
810212	810212-FR-EPA	EP2615867	12305041.1	FR	15-Jan-2014	12-Jan-2012	User Interface And Mode For Reduced Electromagnetic Emission And Transient Power Saving
810212	810212-DE-EPA	EP2615867	12305041.1	DE	15-Jan-2014	12-Jan-2012	User Interface And Mode For Reduced Electromagnetic Emission And Transient Power Saving
810212	810212-GB-EPA	EP2615867	12305041.1	GB	15-Jan-2014	12-Jan-2012	User Interface And Mode For Reduced Electromagnetic Emission And Transient Power Saving
810563	810563-EP-EPA		11360049.8	EP		10-Nov-2011	Mechanism to Reduce Chances of Mobile Calls Being Dropped
810563	810563-BR-PCT		112014011175.8	BR		5-Nov-2012	Mechanism to Reduce Chances of Mobile Calls Being Dropped
810563	810563-CN-PCT		2012800443524	CN		5-Nov-2012	Mechanism to Reduce Chances of Mobile Calls Being Dropped
810563	810563-IN-PCT		3355/CHE/NP/2014	IN		5-Nov-2012	Mechanism to Reduce Chances of Mobile Calls Being Dropped
810563	810563-JP-PCT	JP5911588	20145239260	JP	8-Apr-2016	5-Nov-2012	Mechanism to Reduce Chances of Mobile Calls Being Dropped
810563	810563-KR-PCT	KR101588987	20147012560	KR	20-Jan-2016	5-Nov-2012	Mechanism to Reduce Chances of Mobile Calls Being Dropped
810563	810563-US-PCT		14/357314	US		5-Nov-2012	Mechanism to Reduce Chances of Mobile Calls Being Dropped
810660	810660-EP-EPA		12305711.9	EP		21-Jun-2012	Control Channel Interface For Virtualized Ran Concepts
810660	810660-CN-PCT		2013800327784	CN		24-May-2013	Control Channel Interface For Virtualized Ran Concepts
810686	810686-US-NP		13/343357	US		4-Jan-2012	Configurable SOAP Web Service Notification With DSC Templates
810871	810871-EP-EPA		12151626.4	EP		18-Jan-2012	Adaptive access to services provided by communities linked by interactions' similarity
810871	810871-CN-PCT		201380005833.0	CN		11-Jan-2013	Adaptive access to services provided by communities linked by interactions' similarity
810871	810871-IN-PCT		5680/DELNP/2014	IN		11-Jan-2013	Adaptive access to services provided by communities linked by interactions' similarity
810904	810904-US-PCT	US93338081	14/3924896	US	10-May-2016	13-May-2013	Topology-Imposed Routing In One-dimensional Networks
810904	810904-CN-PCT	ZL201380025028.4	201380025028.4	CN	15-Mar-2017	13-May-2013	Topology-Imposed Routing In One-dimensional Networks

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810904	810904-JP-PCT	JP5913741	2015512009	JP	8-Apr-2016	13-May-2013	Topology-Imposed Routing In One-dimensional Networks
810904	810904-EP-EPA	EP2665231	12290163.0	EP	5-Jul-2017	16-May-2012	Topology-Imposed Routing In One-dimensional Networks
810904	810904-FR-EPA	EP2665231	12290163.0	FR	5-Jul-2017	16-May-2012	Topology-Imposed Routing In One-dimensional Networks
810904	810904-DE-EPA	EP2665231	12290163.0	DE	5-Jul-2017	16-May-2012	Topology-Imposed Routing In One-dimensional Networks
810904	810904-GB-EPA	EP2665231	12290163.0	GB	5-Jul-2017	16-May-2012	Topology-Imposed Routing In One-dimensional Networks
811125	811125-US-NP	US8908537	137359993	US	9-Dec-2014	27-Jan-2012	Using BGP-MH To Drive A Virtual Leased Line (VLL) Service
811125	811125-CN-PCT		201380006695.8	CN		22-Jan-2013	Using BGP-MH To Drive A Virtual Leased Line (VLL) Service
811125	811125-EP-EPT		13703218.1	EP		22-Jan-2013	Using BGP-MH To Drive A Virtual Leased Line (VLL) Service
811125	811125-JP-PCT	JP5913635	2014554775	JP	8-Apr-2016	22-Jan-2013	Using BGP-MH To Drive A Virtual Leased Line (VLL) Service
811125	811125-KR-PCT	KR101706439	20147020985	KR	7-Feb-2017	22-Jan-2013	Using BGP-MH To Drive A Virtual Leased Line (VLL) Service
811133	811133-EP-EPA		12305115.3	EP		31-Jan-2012	UL DMRS Collision Resolution By Adaptive Retransmission
811133	811133-US-NP	US9137144	13631169	US	15-Sep-2015	28-Sep-2012	Maximal Selection Of Equal Cost SPB Paths
811155	811155-CN-PCT		201380050398.3	CN		25-Sep-2013	Maximal Selection Of Equal Cost SPB Paths
811155	811155-EP-EPT		13774874.5	EP		25-Sep-2013	Maximal Selection Of Equal Cost SPB Paths
811155	811155-JP-PCT	JP5961764	2015534616	JP	1-Jul-2016	25-Sep-2013	Maximal Selection Of Equal Cost SPB Paths
811155	811155-KR-PCT	KR101658327	20157007826	KR	9-Sep-2016	25-Sep-2013	Maximal Selection Of Equal Cost SPB Paths
811243	811243-US-NP	US9619292	137459430	US	11-Apr-2017	30-Apr-2012	Resource Placement In Networked Cloud Based On Resource Constraints
811262	811262-IN-NP		26811DEL2012	IN		29-Aug-2012	Pluggable authentication mechanism using biometrics for smart phone applications
811262	811262-CN-PCT		201380025016.8	CN		11-Jul-2013	Pluggable authentication mechanism using biometrics for smart phone applications
811262	811262-EP-EPT		13735299.3	EP		11-Jul-2013	Pluggable authentication mechanism using biometrics for smart phone applications
811262	811262-JP-PCT		2015528918	JP		11-Jul-2013	Pluggable authentication mechanism using biometrics for smart phone applications
811262	811262-KR-PCT	KR101705472	20157005138	KR	3-Feb-2017	11-Jul-2013	Pluggable authentication mechanism using biometrics for smart phone applications
811298	811298-US-NP	US8977886	137372630	US	10-Mar-2015	14-Feb-2012	Aggressive Disaster Preparation To Shorten Service Recovery Time
811298	811298-CN-PCT		201380009523.6	CN		1-Feb-2013	Aggressive Disaster Preparation To Shorten Service Recovery Time
811298	811298-DE-EPT	EP2815538	13704534.0	DE	24-Aug-2016	1-Feb-2013	Aggressive Disaster Preparation To Shorten Service Recovery Time
811298	811298-GB-EPT	EP2815538	13704534.0	GB	24-Aug-2016	1-Feb-2013	Aggressive Disaster Preparation To Shorten Service Recovery Time
811298	811298-FR-EPT	EP2815538	13704534.0	FR	24-Aug-2016	1-Feb-2013	Aggressive Disaster Preparation To Shorten Service Recovery Time

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811441	811441-US-NP	US9075660	13/433413	US	7-Jul-2015	29-Mar-2012	Maximizing User Service Availability Across Georedundant Application Instances
811468	811468-US-NP	US9100146	13/415142	US	4-Aug-2015	8-Mar-2012	Virtual Sectorization Using An Active Antenna Array
811468	811468-TW-NP	TW1489806	102107485	TW	21-Jun-2015	4-Mar-2013	Virtual Sectorization Using An Active Antenna Array
811468	811468-CN-PCT		201380012787.7	CN		4-Mar-2013	Virtual Sectorization Using An Active Antenna Array
811468	811468-EP-EPT		13711203.3	EP		4-Mar-2013	Virtual Sectorization Using An Active Antenna Array
811468	811468-JP-PCT	JP5963889	2014560993	JP	8-Jul-2016	4-Mar-2013	Virtual Sectorization Using An Active Antenna Array
811468	811468-KR-PCT	KR101687466	20147028054	KR	12-Dec-2016	4-Mar-2013	Virtual Sectorization Using An Active Antenna Array
811742	811742-US-NP		13/487506	US		4-Jun-2012	Single Point Of Failure Elimination For Cloud-Based Applications
811742	811742-FR-EPT	EP2856318	13728570.6	FR	11-May-2016	15-May-2013	Single Point Of Failure Elimination For Cloud-Based Applications
811742	811742-DE-EPT	EP2856318	13728570.6	DE	11-May-2016	15-May-2013	Single Point Of Failure Elimination For Cloud-Based Applications
811742	811742-GB-EPT	EP2856318	13728570.6	GB	11-May-2016	15-May-2013	Single Point Of Failure Elimination For Cloud-Based Applications
811758	811758-EP-EPA		12195474.7	EP		4-Dec-2012	Method To Optimize The Propagation Of Information In Multiple Communities Linked By Interactions/Similarity
811758	811758-CN-PCT		201380063307.X	CN		8-Nov-2013	Method To Optimize The Propagation Of Information In Multiple Communities Linked By Interactions/Similarity
811758	811758-JP-PCT	JP6122138	2015545717	JP	7-Apr-2017	8-Nov-2013	Method To Optimize The Propagation Of Information In Multiple Communities Linked By Interactions/Similarity
811758	811758-US-PCT		14/649768	US		8-Nov-2013	Method To Optimize The Propagation Of Information In Multiple Communities Linked By Interactions/Similarity
811825	811825-US-NP		13/523521	US		14-Jun-2012	Methods And Apparatus For Opportunistic Offloading Of Network Communications To Device-To-Device Communication
811825	811825-CN-PCT		201380031670.3	CN		13-Jun-2013	Methods And Apparatus For Opportunistic Offloading Of Network Communications To Device-To-Device Communication
811825	811825-EP-EPT		13732321.8	EP		13-Jun-2013	Methods And Apparatus For Opportunistic Offloading Of Network Communications To Device-To-Device Communication
811825	811825-JP-PCT		2015517409	JP		13-Jun-2013	Methods And Apparatus For Opportunistic Offloading Of Network Communications To Device-To-Device Communication
811959	811959-US-NP	US9021330	13/476606	US	28-Apr-2015	21-May-2012	System And Method For Multi-Channel FEC Encoding And Transmission Of Data
811959	811959-KR-PCT	KR101685781	2014702802	KR	6-Dec-2016	8-May-2013	System And Method For Multi-Channel FEC Encoding And Transmission Of Data
811959	811959-CN-PCT		201380026390.3	CN		8-May-2013	System And Method For Multi-Channel FEC Encoding And Transmission Of Data
811959	811959-EP-EPT		13724681.5	EP		8-May-2013	System And Method For Multi-Channel FEC Encoding And Transmission Of Data
811959	811959-JP-PCT	JP6069405	2015514044	JP	6-Jan-2017	8-May-2013	System And Method For Multi-Channel FEC Encoding And Transmission Of Data

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811982	811982-US-NP	US8842575	13/528889	US	23-Sep-2014	21-Jun-2012	A Flexible Network Architecture For Connecting Peer Layer 2 Switches In A Data Center
812041	812041-EP-EPA	EP2785077	13305377.7	EP	30-Aug-2017	27-Mar-2013	Implicit Addressing For Sporadic Machine-Type Access
812041	812041-CN-PCT		201480018357.0	CN		17-Mar-2014	Implicit Addressing For Sporadic Machine-Type Access
812041	812041-JP-PCT	JP6158419	2016504563	JP	16-Jun-2017	17-Mar-2014	Implicit Addressing For Sporadic Machine-Type Access
812041	812041-US-PCT		14/779443	US		17-Mar-2014	Implicit Addressing For Sporadic Machine-Type Access
812041	812041-TW-NP	TW1562577	103110489	TW	11-Dec-2016	20-Mar-2014	Implicit Addressing For Sporadic Machine-Type Access
812041	812041-DE-EPA	EP2785077	13305377.7	DE	30-Aug-2017	27-Mar-2013	Implicit Addressing For Sporadic Machine-Type Access
812059	812059-US-NP	US9338793	13/622052	US	10-May-2016	18-Sep-2012	Methods And Allocating And Scheduling Uplink And Downlink Transmissions And Apparatuses Thereof
812059	812059-FR-EPT	EP2898743	13771675.9	FR	8-Nov-2017	17-Sep-2013	Methods And Allocating And Scheduling Uplink And Downlink Transmissions And Apparatuses Thereof
812059	812059-DE-EPT	EP2898743	13771675.9	DE	8-Nov-2017	17-Sep-2013	Methods And Allocating And Scheduling Uplink And Downlink Transmissions And Apparatuses Thereof
812059	812059-GB-EPT	EP2898743	13771675.9	GB	8-Nov-2017	17-Sep-2013	Methods And Allocating And Scheduling Uplink And Downlink Transmissions And Apparatuses Thereof
812059	812059-CN-PCT		201380048426.8	CN		17-Sep-2013	Methods And Allocating And Scheduling Uplink And Downlink Transmissions And Apparatuses Thereof
812059	812059-EP-EPT	EP2898743	13771675.9	EP	8-Nov-2017	17-Sep-2013	Methods And Allocating And Scheduling Uplink And Downlink Transmissions And Apparatuses Thereof
812077	812077-IN-NP		1718/DEL/2012	IN		5-Jun-2012	Scheduling And Control Method For Device To Device Communications
812077	812077-CN-PCT		201380029852.7	CN		22-May-2013	Scheduling And Control Method For Device To Device Communications
812077	812077-EP-EPT		13727547.5	EP		22-May-2013	Scheduling And Control Method For Device To Device Communications
812077	812077-JP-PCT	JP5996105	2015515462	JP	2-Sep-2016	22-May-2013	Scheduling And Control Method For Device To Device Communications
812077	812077-KR-PCT	KR101670294	20147033956	KR	24-Oct-2016	22-May-2013	Scheduling And Control Method For Device To Device Communications
812077	812077-US-PCT	US9635672	14/405257	US	25-Apr-2017	22-May-2013	Scheduling And Control Method For Device To Device Communications
812143	812143-EP-EPA		12360067.8	EP		13-Sep-2012	Multi-Carrier Sector-Offset Configuration With Vertical Beam-Forming
812143	812143-TW-NP	TW1486086	102133017	TW	21-May-2015	12-Sep-2013	Multi-Carrier Sector-Offset Configuration With Vertical Beam-Forming
812143	812143-CN-PCT		201380047795.5	CN		6-Sep-2013	Multi-Carrier Sector-Offset Configuration With Vertical Beam-Forming
812143	812143-US-PCT		14/428096	US		6-Sep-2013	Multi-Carrier Sector-Offset Configuration With Vertical Beam-Forming
812279	812279-US-NP		13/955404	US		31-Jul-2013	Multilevel Shortest Path Bridging Gateway Selection
812306	812306-CN-NP		201210320748.0	CN		31-Aug-2012	Policy And Charging Control Solution For The Local Breakout Roaming To Support New EU Roaming Regulation
812306	812306-EP-EPT		13786751.1	EP		26-Aug-2013	Policy And Charging Control Solution For The Local Breakout Roaming To Support New EU Roaming Regulation

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812306	812306-JP-PCT		2015529139	JP		26-Aug-2013	Policy And Charging Control Solution For The Local Breakout Roaming To Support New EU Roaming Regulation
812306	812306-KR-PCT		1020157007844	KR		26-Aug-2013	Policy And Charging Control Solution For The Local Breakout Roaming To Support New EU Roaming Regulation
812306	812306-US-PCT		14/424722	US		26-Aug-2013	Policy And Charging Control Solution For The Local Breakout Roaming To Support New EU Roaming Regulation
812549	812549-US-NP	US9164800	13/660226	US	20-Oct-2015	25-Oct-2012	Optimizing Latencies In Cloud Systems By Intelligent Compute Node Placement
812604	812604-EP-EPA		13290026.7	EP		11-Feb-2013	Method For Exploiting M2M Communication Properties In Cellular Networks
812719	812719-US-NP	US9148259	14/041991	US	29-Sep-2015	30-Sep-2013	Method And Apparatus For Improved Multicast Service Using Negotiated Feedback
812959	812959-EP-EPA		13305055.9	EP		18-Jan-2013	Asynchronous and synchronous serial ASCII compression
812959	812959-JP-PCT		JP6045720	JP	25-Nov-2016	14-Jan-2014	Asynchronous and synchronous serial ASCII compression
812990	812990-EP-EPA		12306566.1	EP		5-Nov-2012	Novel Frame Structure For 5G Cellular Systems Supporting Different Classes Of Traffic And Devices
812990	812990-TW-NP	TW1517597	102138074	TW	11-Jan-2016	22-Oct-2013	Novel Frame Structure For 5G Cellular Systems Supporting Different Classes Of Traffic And Devices
812990	812990-BR-PCT		112015009999.2	BR		18-Oct-2013	Novel Frame Structure For 5G Cellular Systems Supporting Different Classes Of Traffic And Devices
812990	812990-CN-PCT		2013800576683	CN		18-Oct-2013	Novel Frame Structure For 5G Cellular Systems Supporting Different Classes Of Traffic And Devices
812990	812990-IN-PCT		2512/CHE/NP/2015	IN		18-Oct-2013	Novel Frame Structure For 5G Cellular Systems Supporting Different Classes Of Traffic And Devices
812990	812990-JP-PCT		201554090	JP		18-Oct-2013	Novel Frame Structure For 5G Cellular Systems Supporting Different Classes Of Traffic And Devices
812990	812990-US-PCT	US96988898	14/440471	US	4-Jul-2017	18-Oct-2013	Novel Frame Structure For 5G Cellular Systems Supporting Different Classes Of Traffic And Devices
813103	813103-US-NP	US9258218	13/691317	US	9-Feb-2016	30-Nov-2012	Software-Defined Network Overlay
813103	813103-CN-PCT		201380062169.3	CN		22-Nov-2013	Software-Defined Network Overlay
813103	813103-EP-EPT		13805991.0	EP		22-Nov-2013	Software-Defined Network Overlay
813103	813103-JP-PCT	JP6087444	2015545112	JP	10-Feb-2017	22-Nov-2013	Software-Defined Network Overlay
813103	813103-KR-PCT	KR101694082	20157014250	KR	2-Jan-2017	22-Nov-2013	Software-Defined Network Overlay
813225	813225-CN-NP		201310268463.1	CN		28-Jun-2013	Dynamic Policy And Charging Control With Feedback From Bandwidth Consumption
813267	813267-CN-NP		201310248639.7	CN		21-Jun-2013	Enhanced Features For Software Defined Network (SDN) In Call Forwarding Based On Calling Party Number
813305	813305-US-NP	137868348	US			23-Apr-2013	Cloud Computing
813350	813510-EP-EPA	13305046.8	EP			16-Jan-2013	Downlink Control Channel For Coverage Extension
813510	813510-TW-NP	TW1532393	103100968	TW	1-May-2016	10-Jan-2014	Downlink Control Channel For Coverage Extension

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813510	813510-JP-PCT	JP6189453	2015553016	JP	10-Aug-2017	19-Dec-2013	Downlink Control Channel For Coverage Extension
813510	813510-KR-PCT		20157021800	KR		19-Dec-2013	Downlink Control Channel For Coverage Extension
813510	813510-CN-PCT		2013800704889	CN		19-Dec-2013	Downlink Control Channel For Coverage Extension
813543	813543-CN-NP		201310286539.3	CN		5-Jul-2013	Interactive Enhancement On QR Codes
813586	813586-EP-EPA		13161872.0	EP		29-Mar-2013	A Generic Method To Set Up Tunnels Or Flows Across Multiple Software-Defined Networks
813610	813610-EP-EPA		13305242.3	EP		4-Mar-2013	Partial RAN Sharing For LTE
813610	813610-TW-NP	TW531261	103104731	TW	21-Apr-2016	13-Feb-2014	Partial RAN Sharing For LTE
813791	813791-EP-EPA		13160998.4	EP		26-Mar-2013	Successful Recovery Of MBMS Services After An MCE Reset
813802	813802-US-NP		13927180	US		26-Jun-2013	Flexible Cloud Storage System With Data Deduplication
813833	813833-INN-NP		1109/DEL/2013	IN		12-Apr-2013	FlexMB: Scalable And Fault-Tolerant Architecture For Middleboxes In Cloud
813833	813833-US-PCT		14783109	US		27-Mar-2014	FlexMB: Scalable And Fault-Tolerant Architecture For Middleboxes In Cloud
813834	813834-INN-NP		1055/DEL/2013	IN		8-Apr-2013	Dynamic Scaling And Failure Recovery For WAN Optimizer In Cloud
813834	813834-US-PCT		14783107	US		27-Mar-2014	Dynamic Scaling And Failure Recovery For WAN Optimizer In Cloud
813865	813865-EP-EPA		14305001.1	EP		2-Jan-2014	social network (skype, whatapps...) identifier/status discovery
813865	813865-JP-PCT		201654459	JP		21-Nov-2014	social network (skype, whatapps...) identifier/status discovery
813865	813865-US-PCT		15109194	US		21-Nov-2014	social network (skype, whatapps...) identifier/status discovery
813873	813873-EP-EPA		13305717.4	EP		30-May-2013	Method For Reactive PDCCH Interference Mitigation In Heterogeneous Cellular Networks
814134	814134-EP-EPA		13305785.1	EP		11-Jun-2013	Live Topical Presentation Of Microblogs In Relationship With A Multimedia Content
814144	814144-EP-EPA		13305788.5	EP		11-Jun-2013	Multi-Viewpoint Multimedia Summaries Based On The Analysis Of Social Interactions Content
814230	814230-CN-PCT		201580015843.1	CN		25-Mar-2015	Efficient Anonymization Of Streaming Data
814230	814230-EP-EPT		15716260.3	EP		25-Mar-2015	Efficient Anonymization Of Streaming Data
814230	814230-JP-PCT		2016558633	JP		25-Mar-2015	Efficient Anonymization Of Streaming Data
814230	814230-US-NP	US9361480	147225720	US	7-Jun-2016	26-Mar-2014	Efficient Anonymization Of Streaming Data
814233	814233-US-NP	US9467842	14704037	US	11-Oct-2016	12-Dec-2013	Method For Fast Device, Service, And Content Discovery In Wireless Networks
814233	814233-CN-PCT		201480067156.X	CN		22-Oct-2014	Method For Fast Device, Service, And Content Discovery In Wireless Networks
814233	814233-EP-EPT		14831067.5	EP		22-Oct-2014	Method For Fast Device, Service, And Content Discovery In Wireless Networks
814233	814233-TW-NP	TW555426	103142604	TW	21-Oct-2016	8-Dec-2014	Method For Fast Device, Service, And Content Discovery In Wireless Networks
814233	814233-JP-PCT		2016538631	JP		22-Oct-2014	Method For Fast Device, Service, And Content Discovery In Wireless Networks

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814433	814433-EP-EPA	1430522.6	EP		10-Apr-2014	Per Flow Electronic Protection Switch	
814548	814548-US-NP	US9391951	140131725	US	12-Jul-2016	29-Aug-2013	Method And Apparatus For Distributed Stateless NAT In Virtual Networks
814597	814597-CNN-NP		201410116988.8	CN		26-Mar-2014	Extended One-Way Voice/Video Emergency Call Service
814598	814598-EP-EPA	EP2836014	13306137.4	EP	14-Jun-2017	8-Aug-2013	Method to change PCI/ECGI of an LTE cell
814598	814598-FR-EPA	EP2836014	13306137.4	FR	14-Jun-2017	8-Aug-2013	Method to change PCI/ECGI of an LTE cell
814598	814598-DE-EPA	EP2836014	13306137.4	DE	14-Jun-2017	8-Aug-2013	Method to change PCI/ECGI of an LTE cell
814598	814598-GB-EPA	EP2836014	13306137.4	GB	14-Jun-2017	8-Aug-2013	Method to change PCI/ECGI of an LTE cell
814826	814826-US-NP	US9306643	14043224	US	5-Apr-2016	1-Oct-2013	Decentralized Slow Fading Precoding For TDD Multi-User Multi-Cell Wireless Systems
814868	814868-EP-EPA		14305078.9	EP		21-Jan-2014	MmWave Beam Adaptation Based On GPS Localization And Orientation Sensors
815028	815028-US-NP	US9106381	14037996	US	11-Aug-2015	26-Sep-2013	"Without On-Going E-DCH Transmission" HS-SCCH Order Sending Configuration For "HS-DPCCH
815133	815133-US-NP	US93450844	14315814	US	20-Sep-2016	26-Jun-2014	Measurements For eMBMS Enhanced Operation
815632	815632-US-NP	US93509665	14456554	US	29-Nov-2016	11-Aug-2014	Protecting XOR Encryptions Against Malicious Modification
815632	815632-CNN-PCT		201580042789.X	CN		11-Aug-2015	Protecting XOR Encryptions Against Malicious Modification
815632	815632-EP-EPT		15837154.2	EP		11-Aug-2015	Protecting XOR Encryptions Against Malicious Modification
815632	815632-JP-PCT		2017507725	JP		11-Aug-2015	Protecting XOR Encryptions Against Malicious Modification
815664	815664-EP-EPA		14305128.2	EP		30-Jan-2014	Recovery Procedure From Radio Link Failure For Extended Coverage Mtc Devices
815694	815694-EP-EPA		14306148.9	EP		15-Jul-2014	Antenna Feed For Macro-Cell Base Solution
815695	815695-EP-EPA		14305121.7	EP		30-Jan-2014	Neighbouring Cell Service Information For Support Of Group Communication
815695	815695-CNN-PCT		20158006398.2	CN		15-Jan-2015	Neighbouring Cell Service Information For Support Of Group Communication
815695	815695-JP-PCT		2016549331	JP		15-Jan-2015	Neighbouring Cell Service Information For Support Of Group Communication
815695	815695-US-PCT		151114509	US		15-Jan-2015	Neighbouring Cell Service Information For Support Of Group Communication
815695	815695-TW-NP	TW1569677	104102563	TW	1-Feb-2017	26-Jan-2015	Neighbouring Cell Service Information For Support Of Group Communication
815752	815752-US-NP	US93461790	14169662	US	4-Oct-2016	31-Jan-2014	Procedures Enhancement For Small Cell On/Off
819475	819475-EP-EPA		16306154.2	EP		13-Sep-2016	Methods And System To Minimize Runtime Resource Usage Of Deep Neural Networks
Ashraf 1-46-31-70 (1)	Ashraf 1-46-31-70 (1)-US-PCT	US8880052	137256736	US	4-Nov-2014	12-Mar-2010	Evolving Algorithms For Network Node Control In A Telecommunications Network By Genetic Programming
Avidor 10-3 (D)	Avidor 10-3 (D)-KR-PCT	KR101487722	20107001529	KR	23-Jan-2015	21-Jul-2008	Method Of Managing Transmission Within A Wireless Communications Network
Avidor 10-3 (D)	Avidor 10-3 (D)-IN-PCT		329/CHENP/2010	IN	21-Jul-2008		Method Of Managing Transmission Within A Wireless Communications Network

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Avidor	10-3 (D)	Avidor 10-3 (D)-US-NP	US8094573	11878494	US	10-Jan-2012	25-Jul-2007 Method Of Managing Transmission Within A Wireless Communications Network
Avidor	10-3 (D)	Avidor 10-3 (D)-IP-PCT	JP5244177	2010518204	JP	12-Apr-2013	21-Jul-2008 Method Of Managing Transmission Within A Wireless Communications Network
Avidor	10-3 (D)	Avidor 10-3 (D)-CNP-PCT	ZL20080100153,6	20080100153,6	CN	1-May-2013	21-Jun-2008 Method Of Managing Transmission Within A Wireless Communications Network
Avidor	10-3 (D)	Avidor 10-3 (D)-FR-EPT	EP2174453	08794611.7	FR	13-Apr-2011	21-Jul-2008 Method Of Managing Transmission Within A Wireless Communications Network
Avidor	10-3 (D)	Avidor 10-3 (D)-DE-EPT	EP2174453	08794611.7	DE	13-Apr-2011	21-Jul-2008 Method Of Managing Transmission Within A Wireless Communications Network
Avidor	10-3 (D)	Avidor 10-3 (D)-GB-EPT	EP2174453	08794611.7	GB	13-Apr-2011	21-Jul-2008 Method Of Managing Transmission Within A Wireless Communications Network
Bachl	18-8 (RW)	Bachl 18-8 (RW)-US-PCT	US8477864	12228570	US	2-Jul-2013	14-Aug-2008 Method Of Managing Transmission Within A Wireless Communications Network
Bachl	18-8 (RW)	Bachl 18-8 (RW)-JP-PCT	JP5139331	200855212	JP	22-Nov-2012	16-Feb-2006 Method Of Managing Transmission Within A Wireless Communications Network
Bachl	18-8 (RW)	Bachl 18-8 (RW)-FR-EPT	EP1985051	06735171.8	FR	19-Sep-2012	16-Feb-2006 Utilization Of Channel Correlations
Bachl	18-8 (RW)	Bachl 18-8 (RW)-DE-EPT	EP1985051	06735171.8	DE	19-Sep-2012	16-Feb-2006 Utilization Of Channel Correlations
Bachl	18-8 (RW)	Bachl 18-8 (RW)-GB-EPT	EP1985051	06735171.8	GB	19-Sep-2012	16-Feb-2006 Utilization Of Channel Correlations
Balachandran	55-23-2-47 (K)	Balachandran 55-23-2-47 (K)-US-NP	US8514693	12216823	US	20-Aug-2013	11-Jul-2008 Method Of Multiple-Antenna Communication Having Improved Orthogonal Space-time Codes
Balachandran	55-23-2-47 (K)	Balachandran 55-23-2-47 (K)-EP-EPT		09788853.1	EP		30-Jun-2009 Broadcast And Multicast In Single Frequency Networks Using Orthogonal Space-Time Codes
Baum	6-1-3 (S)	Baum 6-1-3 (S)-KR-PCT	KR101110595	20097007911	KR	20-Jan-2012	16-Oct-2007 Method And Apparatus For Improved Non-Intrusive Monitoring Functions
Baum	6-1-3 (S)	Baum 6-1-3 (S)-JP-PCT	JP4964965	2009532466	JP	6-Apr-2012	16-Oct-2007 Method And Apparatus For Improved Non-Intrusive Monitoring Functions
Baum	6-1-3 (S)	Baum 6-1-3 (S)-EP-EPT		07852781.9	EP		16-Oct-2007 Method And Apparatus For Improved Non-Intrusive Monitoring Functions
Baum	6-1-3 (S)	Baum 6-1-3 (S)-CN-PCT	ZL200780038431,5	200780038431,5	CN	23-May-2012	16-Oct-2007 Method And Apparatus For Improved Non-Intrusive Monitoring Functions
Beck	4-3-6 (FC)	Beck 4-3-6 (FC)-US-CIP	US8052600	10136358	US	8-Nov-2011	2-May-2002 Method And System For Non-Invasive Measurement Of Prescribed Characteristics Of A Subject
Bosch	15-50 (P)	Bosch 15-50 (P)-US-NP	US8050259	11474197	US	1-Nov-2011	23-Jun-2006 Method And Apparatus Of Precedence Identification For Real Time Services
Bosch	15-50 (P)	Bosch 15-50 (P)-IN-PCT	IN283762	69684CHENP/2008	IN	30-May-2017	19-Jun-2007 Method And Apparatus Of Precedence Identification For Real Time Services
Bosch	15-50 (P)	Bosch 15-50 (P)-EP-EPT	EP2036278	07835845,4	EP	10-May-2017	19-Jun-2007 Method And Apparatus Of Precedence Identification For Real Time Services
Bosch	15-50 (P)	Bosch 15-50 (P)-FR-EPT	EP2036278	07835845,4	FR	10-May-2017	19-Jun-2007 Method And Apparatus Of Precedence Identification For Real Time Services
Bosch	15-50 (P)	Bosch 15-50 (P)-DE-EPT	EP2036278	07835845,4	DE	10-May-2017	19-Jun-2007 Method And Apparatus Of Precedence Identification For Real Time Services
Bosch	15-50 (P)	Bosch 15-50 (P)-GB-EPT	EP2036278	07835845,4	GB	10-May-2017	19-Jun-2007 Method And Apparatus Of Precedence Identification For Real Time Services

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Famity	Case Reference	Patent Number	Application Number	Country	Grant Date	Application Date	Title
Bosch 15-50 (P)	Bosch 15-50 (P)-CN-PCT	ZI200780023628.1	200780023628.1	CN	12-Dec-2012	19-Jun-2007	Method And Apparatus Of Precedence Identification For Real Time Services
Bosch 15-50 (P)	Bosch 15-50 (P)-KR-PCT	KR101106027	20087029757	KR	9-Jan-2012	19-Jun-2007	Method And Apparatus Of Precedence Identification For Real Time Services
Bosch 15-50 (P)	Bosch 15-50 (P)-JP-PCT	JP4782226	2009515539	JP	15-Jul-2011	19-Jun-2007	Method And Apparatus Of Precedence Identification For Real Time Services
Brugman 7-2 (DL)	Brugman 7-2 (DL)-US-NP	US8180023	12290554	US	15-May-2012	31-Oct-2008	Method And Apparatus For Replacement Connection Verification During Migration From An Analog Network Element To A Next Generation Network Element
Brugman 7-2 (DL)	Brugman 7-2 (DL)-EP-EPT		09748860.5	EP		14-Oct-2009	Method And Apparatus For Replacement Connection Verification During Migration From An Analog Network Element To A Next Generation Network Element
Cai 145-56 (Y)	Cai 145-56 (Y)-JP-PCT	JP5307937	2012516119	JP	5-Jul-2013	8-Jun-2010	Selective First Delivery Attempt (FDA) Processing For Text Messages
Cai 145-56 (Y)	Cai 145-56 (Y)-US-NP	US8554174	12484672	US	8-Oct-2013	15-Jun-2009	Selective First Delivery Attempt (FDA) Processing For Text Messages
Cai 145-56 (Y)	Cai 145-56 (Y)-KR-PCT	KR101336688	20117029793	KR	28-Nov-2013	8-Jun-2010	Selective First Delivery Attempt (FDA) Processing For Text Messages
Cai 145-56 (Y)	Cai 145-56 (Y)-BR-PCT		PH1016025-6	BR		8-Jun-2010	Selective First Delivery Attempt (FDA) Processing For Text Messages
Cai 145-56 (Y)	Cai 145-56 (Y)-IN-PCT		9027/CHENP/2011	IN		8-Jun-2010	Selective First Delivery Attempt (FDA) Processing For Text Messages
Cai 145-56 (Y)	Cai 145-56 (Y)-CN-PCT	ZI201080026602.4	201080026602.4	CN	7-Dec-2016	8-Jun-2010	Selective First Delivery Attempt (FDA) Processing For Text Messages
Cai 145-56 (Y)	Cai 145-56 (Y)-RU-PCT	RU2502224	2011153775	RU	14-Jun-2013	8-Jun-2010	Selective First Delivery Attempt (FDA) Processing For Text Messages
Cai 145-56 (Y)	Cai 145-56 (Y)-US-CNT	US8886168	14/019233	US	11-Nov-2014	5-Sep-2013	Selective First Delivery Attempt (FDA) Processing For Text Messages
Cai 145-56 (Y)	Cai 145-56 (Y)-FR-EPT	EP2443847	10730914.8	FR	12-Nov-2014	8-Jun-2010	Selective First Delivery Attempt (FDA) Processing For Text Messages
Cai 145-56 (Y)	Cai 145-56 (Y)-DE-EPT	EP2443847	10730914.8	DE	12-Nov-2014	8-Jun-2010	Selective First Delivery Attempt (FDA) Processing For Text Messages
Cai 145-56 (Y)	Cai 145-56 (Y)-GB-EPT	EP2443847	10730914.8	GB	12-Nov-2014	8-Jun-2010	Selective First Delivery Attempt (FDA) Processing For Text Messages
Capdeville 1-1 (V)	Capdeville 1-1 (V)-CN-PCT	ZI201080006897.9	201080006897.9	CN	13-Jan-2016	7-Jan-2010	Method For Prioritizing Handover Targets For Scanning By A Mobile Terminal In A Wireless Network
Capdeville 1-1 (V)	Capdeville 1-1 (V)-JP-PCT	JP5274672	201154844	JP	24-May-2013	7-Jan-2010	Method For Prioritizing Handover Targets For Scanning By A Mobile Terminal In A Wireless Network
Capdeville 1-1 (V)	Capdeville 1-1 (V)-KR-PCT		KR101264759	KR	9-May-2013	7-Jan-2010	Method For Prioritizing Handover Targets For Scanning By A Mobile Terminal In A Wireless Network
Capdeville 1-1 (V)	Capdeville 1-1 (V)-US-PCT	US9204358	13/143391	US	1-Dec-2015	7-Jan-2010	Method For Prioritizing Handover Targets For Scanning By A Mobile Terminal In A Wireless Network
Capdeville 1-1 (V)	Capdeville 1-1 (V)-GB-EP	EP2207382	09290015.8	GB	1-Apr-2015	8-Jan-2009	Method For Prioritizing Handover Targets For Scanning By A Mobile Terminal In A Wireless Network
Capdeville 1-1 (V)	Capdeville 1-1 (V)-FR-EP	EP2207382	09290015.8	FR	1-Apr-2015	8-Jan-2009	Method For Prioritizing Handover Targets For Scanning By A Mobile Terminal In A Wireless Network
Capdeville 1-1 (V)	Capdeville 1-1 (V)-DE-EP	EP2207382	09290015.8	DE	1-Apr-2015	8-Jan-2009	Method For Prioritizing Handover Targets For Scanning By A Mobile Terminal In A Wireless Network
Cappece 7-13 (CJ)	Cappece 7-13 (CJ)-US-NP	US8964532	11771213	US	24-Feb-2015	29-Jun-2007	Wireless Communication Device Including A Standby Radio

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Chandrammenon 5-8-	Chandrammenon 5-8-16-18-	07753432.9	EP		19-Mar-2007	Methods And Devices For Maintaining Sessions Based On Presence Status Information	
16-18-6 (GP)	6 (GP)-EP-EPT						
Chandrammenon 5-8-	Chandrammenon 5-8-16-18-	US8965978	11/393900	US	24-Feb-2015	31-Mar-2006	Methods And Devices For Maintaining Sessions Based On Presence Status Information
16-18-6 (GP)	6 (GP)-US-NP						
Chandrammenon 5-8-	Chandrammenon 5-8-16-18-	KR101372011	20087024015	KR	3-Mar-2014	19-Mar-2007	Methods And Devices For Maintaining Sessions Based On Presence Status Information
16-18-6 (GP)	6 (GP)-KR-PCT						
Chandrammenon 5-8-	Chandrammenon 5-8-16-18-	JP5260491	2009202848	JP	2-May-2013	19-Mar-2007	Methods And Devices For Maintaining Sessions Based On Presence Status Information
16-18-6 (GP)	6 (GP)-JP-PCT						
Chamriere 28-13-14	Chamriere 28-13-14 (PG)-	EPI657948	05256616.3	GB	10-Oct-2007	25-Oct-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
(PG)	GB-EPA						
Chamriere 28-13-14	Chamriere 28-13-14 (PG)-FR	EPI657948	05256616.3	FR	10-Oct-2007	25-Oct-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
(PG)	EPA						
Chamriere 28-13-14	Chamriere 28-13-14 (PG)-DE	EPI657948	05256616.3	DE	10-Oct-2007	25-Oct-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
(PG)	DE-A						
Chamriere 28-13-14	Chamriere 28-13-14 (PG)-US	US89113386	10987944	US	18-Aug-2015	12-Nov-2004	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
(PG)	NP						
Chamriere 28-13-14	Chamriere 28-13-14 (PG)-CN-NP	ZL200510119420.2	200510119420.2	CN	9-Feb-2011	11-Nov-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
(PG)	CN-NP						
Chamriere 28-13-14	Chamriere 28-13-14 (PG)-KR-NP	KR101156243	20050107405	KR	7-Jun-2012	10-Nov-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
(PG)	KR-NP						
Chamriere 28-13-14	Chamriere 28-13-14 (PG)-JP	JP5392969	2005326809	JP	25-Oct-2013	11-Nov-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
(PG)	JP						
Chamriere 28-13-14	Chamriere 28-13-14 (PG)-IN-NP	IN263799	1650/CHE/2005	IN	20-Nov-2014	11-Nov-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
(PG)	NP						
Chamriere 28-13-14	Chamriere 28-13-14 (PG)-JP-DIV	JP5758960	2013171000	JP	12-Jun-2015	11-Nov-2005	Fast Handover With Reduced Service Interruption For High Speed Data Channels In A Wireless System
(PG)	DIV						
Chiu 6-3 (T)	Chiu 6-3 (T)-US-NP	US88068469	117706483	US	29-Nov-2011	14-Feb-2007	Surrogate Registration In Internet Protocol Multimedia Subsystem For Users Indirectly Coupled Via An End Point
Dominique 11-8 (F)	Dominique 11-8 (F)-EP-EPA	05254499.6	EP		20-Jul-2005	Method And Apparatus For Enhancing Performance Of Channel Quality Indicator (CQI) Channel In Wireless Communications System	
Dominique 11-8 (F)	Dominique 11-8 (F)-EP-EPA						
Dominique 11-8 (F)	Dominique 11-8 (F)-KR-NP	JP5329736	2005219889	JP	2-Aug-2013	29-Jul-2005	Method And Apparatus For Enhancing Performance Of Channel Quality Indicator (CQI) Channel In Wireless Communications System
Dominique 11-8 (F)	Dominique 11-8 (F)-KR-NP	KR101197523	2005066700	KR	30-Oct-2012	22-Jul-2005	Method And Apparatus For Enhancing Performance Of Channel Quality Indicator (CQI) Channel In Wireless Communications System
Emery 9-5-5-3 (R-T)	Kocan 6-6 (KF)-US-CIP	US8233411	11/231166	US	31-Jul-2012	20-Sep-2005	Method For Providing Feature Interaction Management And Service Blending
Dominique 11-8 (F)	Dominique 11-8 (F)-KR-NP						
Godin 1-37 (P)	Godin 1-37 (P)-TW-NP	TW1430679	97130548	TW	11-Mar-2014	21-Jul-2008	Handover Method And Apparatus In A Wireless Telecommunications Network
Godin 1-37 (P)	Godin 1-37 (P)-CN-NP	ZL200810161160.9	200810161160.9	CN	4-Dec-2013	13-Aug-2008	Handover Method And Apparatus In A Wireless Telecommunications Network
Godin 1-37 (P)	Godin 1-37 (P)-JP-PCT	JP5000760	2010520445	JP	25-May-2012	21-Jul-2008	Handover Method And Apparatus In A Wireless Telecommunications Network
Godin 1-37 (P)	Godin 1-37 (P)-IN-PCT	764/CHENP/2010	IN		21-Jul-2008	Handover Method And Apparatus In A Wireless Telecommunications Network	
Godin 1-37 (P)	Godin 1-37 (P)-US-NP	US8571555	12/21173	US	29-Oct-2013	6-Aug-2008	Handover Method And Apparatus In A Wireless Telecommunications Network

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Godin 1-37 (P)	Godin 1-37 (P)-KR-PCT	KR101371240	20107005380	KR	27-Feb-2014	21-Jul-2008	Handover Method And Apparatus In A Wireless Telecommunications Network
Godin 1-37 (P)	Godin 1-37 (P)-FR-EPA	EP2026620	07291624.0	FR	27-Jun-2012	26-Dec-2007	Handover Method And Apparatus In A Wireless Telecommunications Network
Godin 1-37 (P)	Godin 1-37 (P)-DE-EPA	EP2026620	07291624.0	DE	27-Jun-2012	26-Dec-2007	Handover Method And Apparatus In A Wireless Telecommunications Network
Godin 1-37 (P)	Godin 1-37 (P)-GB-EPA	EP2026620	07291624.0	GB	27-Jun-2012	26-Dec-2007	Handover Method And Apparatus In A Wireless Telecommunications Network
Goldman 19-7 (SO)	Goldman 19-7 (SO)-US-NP	US8391460	11/165364	US	5-Mar-2013	23-Jun-2005	Mid-Call Hand-Offs In Telecommunication Networks
Goldman 20-8 (SO)	Goldman 20-8 (SO)-US-NP	US8477923	11/165365	US	2-Jul-2013	23-Jun-2005	Mid-Call Hand-Off Between End Use Terminals
Guo 23-89-72 (KH)	Guo 23-89-72 (KH)-US-NP	US9107236	11744531	US	11-Aug-2015	4-May-2007	Method And Apparatus For Multicast Scheduling In Wireless Networks
Hernsmeyer 4-4-5 (C)	Hernsmeyer 4-4-5 (C)-US-NP	US8483241	11675181	US	9-Jul-2013	15-Feb-2007	Method And Apparatus For Monitoring Virtual Concatenation Group Performance
Hua 29-6 (S)	Hua 29-6 (S)-US-NP	US8019073	11554438	US	13-Sep-2011	30-Oct-2006	Systems And Methods For Implementing Split Numbering Plan Area Codes In An IMS Network
Innovation 1	Innovation 1 (O-US-NP	US747165	10163939	US	29-Jun-2010	6-Jun-2002	Network Operating System With Topology Autodiscovery
Innovation 1	Innovation 16-US-DIV	US9246626	11826672	US	26-Jan-2016	17-Jul-2007	Network Operating System With Topology Autodiscovery
Innovation 1	Innovation 12 (O-US-CIP	US7263290	10244913	US	28-Aug-2007	16-Sep-2002	Network Operating System With Topology Autodiscovery
Innovation 1	Innovation 1-US-DIV[2]	US8165466	12781379	US	24-Apr-2012	17-May-2010	Network Operating System With Topology Autodiscovery
Kochanski 56-6-6-23 (GP)-23 (GP)	Kochanski 56-6-6-23 (GP)-JP-NP	JP4149734	2002132616	JP	4-Jul-2008	8-May-2002	Noise And The Like On A Wireless Communication System
Kodialam 34-34 (MS)	Kodialam 34-34 (MS)-US-NP	US8160649	10951169	US	13-Oct-2015	27-Sep-2004	Method For Routing Traffic Using Traffic Weighting Factors
Kodialam 34-34 (MS)	Kodialam 34-34 (MS)-JP-NP	JP4901167	2005273020	JP	13-Jan-2012	21-Sep-2005	Method For Routing Traffic Using Traffic Weighting Factors
Kodialam 34-34 (MS)	Kodialam 34-34 (MS)-GB-EP-A	EPI641198	05255922.6	GB	5-Sep-2007	22-Sep-2005	Method For Routing Traffic Using Traffic Weighting Factors
Kodialam 34-34 (MS)	Kodialam 34-34 (MS)-FR-EP-A	EPI641198	05255922.6	FR	5-Sep-2007	22-Sep-2005	Method For Routing Traffic Using Traffic Weighting Factors
Kodialam 34-34 (MS)	Kodialam 34-34 (MS)-DE-EP-A	EPI641198	05255922.6	DE	5-Sep-2007	22-Sep-2005	Method For Routing Traffic Using Traffic Weighting Factors
Kodialam 60-29-2 (MS)	Kodialam 60-29-2 (MS)-US-NP	US8959091	12/512702	US	17-Feb-2015	30-Jul-2009	Keyword Assignment To A Web Page
Kodialam 60-29-2 (MS)	Kodialam 60-29-2 (MS)-EP-EPT		10737187.4	EP		20-Jul-2010	Keyword Assignment To A Web Page
Kodialam 60-29-2 (MS)	Kodialam 60-29-2 (MS)-KR-PCT	KR10131554	20127002532	KR	30-Sep-2013	20-Jul-2010	Keyword Assignment To A Web Page
Kodialam 60-29-2 (MS)	Kodialam 60-29-2 (MS)-JP-PCT	JP5438218	2012522891	JP	20-Dec-2013	20-Jul-2010	Keyword Assignment To A Web Page
Kodialam 60-29-2 (MS)	Kodialam 60-29-2 (MS)-CN-PCT	ZL20108034039.5	20108034039.5	CN	4-Jun-2014	20-Jul-2010	Keyword Assignment To A Web Page
Lee 19-27-10 (JA)	Lee 19-27-10 (JA)-US-NP	US8165228	11688708	US	24-Apr-2012	20-Mar-2007	A Non-Coherent Signal Transmission Method For Uplink Auto-correlation Sequence

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Lozano 14-5 (A)	Lozano 14-5 (A)-US-NP	US9240909	12019381	US	19-Jan-2016	24-Jan-2008	Reverse Link Channel Estimation Using Common And Dedicated Pilot Channels
Lozano 14-5 (A)	Lozano 14-5 (A)-EP-EPT		09704389.7	EP		21-Jan-2009	Reverse Link Channel Estimation Using Common And Dedicated Pilot Channels
Lozano 14-5 (A)	Lozano 14-5 (A)-KR-PCT	KR101117515	20107018488	KR	10-Feb-2012	21-Jan-2009	Reverse Link Channel Estimation Using Common And Dedicated Pilot Channels
Lozano 14-5 (A)	Lozano 14-5 (A)-CN-PCT	ZL200980102813.9	200980102813.9	CN	29-Apr-2015	21-Jan-2009	Reverse Link Channel Estimation Using Common And Dedicated Pilot Channels
Lozano 14-5 (A)	Lozano 14-5 (A)-JP-PCT	JP5094978	201054317	JP	28-Sep-2012	21-Jan-2009	Reverse Link Channel Estimation Using Common And Dedicated Pilot Channels
Nandagopal 15-51 (T)	Nandagopal 15-51 (T)-US-NP	US8488571	11946396	US	16-Jul-2013	28-Nov-2007	Method And Apparatus For Managing An IP Address Space Of An Address Server In A Mobility Network
Riverstone 94 ()	Riverstone 94 0-JP-PCT	JP4874340	2008544540	JP	2-Dec-2011	7-Dec-2006	Caching Message Digests To Scale Layer 2 Control Protocols In Ethernet Bridged Networks
Riverstone 94 ()	Riverstone 94 0-CN-PCT	ZL200680052097.4	200680052097.4	CN	22-Jul-2015	7-Dec-2006	Caching Message Digests To Scale Layer 2 Control Protocols In Ethernet Bridged Networks
Riverstone 94 ()	Riverstone 94 0-US-NP	US8054830	115444825	US	8-Nov-2011	6-Oct-2006	Caching Message Digests To Scale Layer 2 Control Protocols In Ethernet Bridged Networks
Riverstone 94 ()	Riverstone 94 0-KR-PCT	KR101281250	20087013857	KR	26-Jun-2013	7-Dec-2006	Caching Message Digests To Scale Layer 2 Control Protocols In Ethernet Bridged Networks
Riverstone 94 ()	Riverstone 94 0-FR-EPT	EP1958400	06845036.0	FR	12-Feb-2014	7-Dec-2006	Caching Message Digests To Scale Layer 2 Control Protocols In Ethernet Bridged Networks
Riverstone 94 ()	Riverstone 94 0-DE-EPT	EP1958400	06845036.0	DE	12-Feb-2014	7-Dec-2006	Caching Message Digests To Scale Layer 2 Control Protocols In Ethernet Bridged Networks
Riverstone 94 ()	Riverstone 94 0-GB-EPT	EP1958400	06845036.0	GB	12-Feb-2014	7-Dec-2006	Caching Message Digests To Scale Layer 2 Control Protocols In Ethernet Bridged Networks
Slicht 10-1 (K)	Slicht 10-1 (K)-US-CNT	US8107494	12512488	US	31-Jan-2012	30-Jul-2009	Method And Apparatus For Generating Virtual Clock Signals
Torabi 3 (M)	Torabi 3 (M)-KR-NP	KR837978	20010005021	KR	30-Apr-2008	2-Feb-2001	Flexible Access Authorization Feature To Enable Mobile Users To Access Services In 3G Wireless Networks
Xie 16 (C)	Xie 16 (C)-US-NP	US7860406	11856002	US	28-Dec-2010	14-Sep-2007	PMD Insensitive Direct-Detection Optical OFDM Systems Using Self-Polarization Diversity
Xie 16 (C)	Xie 16 (C)-CN-PCT	ZL200880106811.2	200880106811.2	CN	23-Jan-2013	2-Sep-2008	PMD Insensitive Direct-Detection Optical OFDM Systems Using Self-Polarization Diversity
Xie 16 (C)	Xie 16 (C)-KR-PCT	KR101489784	20107005455	KR	29-Jan-2015	2-Sep-2008	PMD Insensitive Direct-Detection Optical OFDM Systems Using Self-Polarization Diversity
Xie 16 (C)	Xie 16 (C)-IN-PCT		1381CHENP/2010	IN		2-Sep-2008	PMD Insensitive Direct-Detection Optical OFDM Systems Using Self-Polarization Diversity
Xie 16 (C)	Xie 16 (C)-US-CNT	US8355636	12947358	US	15-Jan-2013	16-Nov-2010	PMD Insensitive Direct-Detection Optical OFDM Systems Using Self-Polarization Diversity
Xie 16 (C)	Xie 16 (C)-FR-EPT	EP2201705	08830914.1	FR	23-Feb-2011	2-Sep-2008	PMD Insensitive Direct-Detection Optical OFDM Systems Using Self-Polarization Diversity
Xie 16 (C)	Xie 16 (C)-DE-EPT	EP2201705	08830914.1	DE	23-Feb-2011	2-Sep-2008	PMD Insensitive Direct-Detection Optical OFDM Systems Using Self-Polarization Diversity
Xie 16 (C)	Xie 16 (C)-GB-EPT	EP2201705	08830914.1	GB	23-Feb-2011	2-Sep-2008	PMD Insensitive Direct-Detection Optical OFDM Systems Using Self-Polarization Diversity

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